TOWN OF ANDOVER, MASS.

1900

ANNUAL REPORT OF

TOWN OFFICERS, Including

Report of

BOARD OF PUBLIC WORKS

ANDOVER THEOL. SEMINARY
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TOWN OF ANDOVER

ANNUAL REPORT

OF THE

Receipts and Expenditures

FOR THE FINANCIAL YEAR

ENDING JANUARY 10, 1900

ANDOVER, MASS.
THE ANDOVER PRESS
1900

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50,750

TOWN OFFICERS, 1899.

Selectmen, Assessors and Overseers of Poor.

WILLIAM G. GOLDSMITH,	Term expires	March,		1900
SAMUEL H. BOUTWELL,	"	"	"	1900
JOHN S. STARK, Secretary,	"	"	"	1900

Town Clerk and Tax Collector.

ABRAHAM MARLAND.

Town Treasurer.

GEORGE A. PARKER.

School Committee.

J. NEWTON COLE, Chairman,	Term expires		1900
Mrs. LIZZIE A. WILSON,	"	"	1901
Mrs. ELLA S. MORRILL,	"	"	1901
JOHN L. BREWSTER,	"	"	1901
GEORGE D. PETTEE,	"	"	1900
WILLIAM SHAW,	"	"	1900
JOHN ALDEN,	"	"	1902
JOHN N. COLE,	"	"	1902
THOMAS DAVID,	"	"	1902

Superintendent of Schools.

G E. JOHNSON.

Board of Public Works.

JOHN H. FLINT, Chairman,	Term expires	March,		1902
FELIX G. HAYNES, Secretary,	"	"	"	1902
JAMES P. BUTTERFIELD,	"	"	"	1901
WILLIAM S. JENKINS,	"	"	"	1901
JOHN L. SMITH,	"	"	"	1900

Superintendent of Public Works.

JOHN E. SMITH.

Engineers of Fire Department.

LEWIS T. HARDY, Chief, GEORGE D. LAWSON, Clerk
ANDREW McTERNEN, LOUIS A. DANE,
ALLEN SIMPSON.

Park Commissioners.

ALBERT POOR, Chairman,	Term	expires	March,	1900
ARTHUR BLISS,	"	"	"	1901
CHARLES L. CARTER,	"	"	"	1902

Highway Surveyor.

JOSEPH T. LOVEJOY,	Term	expires	1900

Board of Health.

CHARLES E. ABBOTT, M. D., Chairman,	Term	expires	1901
J. A. LEITCH, M. D.,	"	"	1900
HOWELL F. WILSON,	"	"	1902

Chief of Police.

GEORGE W. MEARS. Appointed.

Constables.

GEO. W. MEARS, WILLIAM L. FRYE,
ELMER H. SHATTUCK.

Trustees of Memorial Hall.

C. C. CARPENTER,	Term	expires	1900
JOSEPH W. SMITH,	"	"	1901
FRANCIS H. JOHNSON,	"	"	1902
JOSEPH A. SMART,	"	"	1903
E. KENDALL JENKINS,	"	"	1904
GEORGE W. FOSTER,	"	"	1905
FREDERIC S. BOUTWELL,	"	"	1906

Trustees of Punchard Free School.—Terms expire 1901.

GEORGE H. POOR, SAMUEL H. BOUTWELL,
HORACE H. TYER, MYRON E. GUTTERSON,
GEORGE A. PARKER.

Auditors.

CHARLES B. JENKINS, GEORGE A. HIGGINS,
W. BYRON MORSE.

TOWN MEETINGS.

Annual Town Meeting, March 6, 1899.

WARRANT.

ESSEX, SS: To either of the Constables of the Town of Andover. GREETING:

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the town of Andover qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the sixth day of March, 1899, at eight o'clock, A.M., to act on the following articles:

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2nd.—To choose Town Clerk, Treasurer, Collector of Taxes, two members of the Board of Selectmen, Assessors and Overseers of the Poor for one year, one member of the Board of Health for three years, three members of the School Committee for three years, one Trustee of the Memorial Hall for seven years, one Trustee of the Cornell Fund for three years, one Park Commissioner for three years, Highway Surveyor, one Water Commissioner for three years, one Sewer Commissioner for three years, or, if the meeting so decide, five members of a Board of Public Works, one member of said Board of Public Works for one year, two members of said Board for two years, and two members of said Board for three years, one or more Auditors of Accounts,

Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a pound keeper, Fire Wards, and any other officers the town may determine to choose.

Article 3rd.—To take action on the following question: "Shall licenses be granted for the sale of Intoxicating Liquors in this town?".

Article 4th.—To determine what sums of money shall be appropriated for Schools, School-houses, School-books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, State and Military Aid, Water Works, Sewers, Interest on Bonds, Funds and Notes, State and County Taxes, Abatement of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse, and other town charges and expenses.

Article 5th.—To see if the Town will vote to purchase the land known as "Richardson Lot" for use as a public park, and arrange for the payment of the same, on petition of John N. Cole and others.

Article 6th.—To see if the Town will accept the street as laid out by the Selectmen from Main Street next south of the Town House to Bartlet Street, and, if necessary, appropriate a sum of money for its construction, on petition of J. P. Wakefield and others.

Article 7th.—To see if the Town will appropriate a sum of money sufficient to widen Chester Street in Ballardvale, beginning at a point on Lowell Street and running southwesterly about six hundred feet, on petition of William Galvin and others.

Article 8th.—To see if the Town will accept the street as laid out by the Selectmen from a point on Summer Street near the house of Mrs. Burns to a point on East Chestnut

Street, near the house of Mrs. May, and, if necessary, appropriate a sum of money for its construction, on petition of J. Warren Berry and others.

Article 9th.—To see if the Town will adopt the provisions of Chapter 83 of the Acts of 1899 to consolidate its Board of Water Commissioners and Board of Sewer Commissioners in a Board of Public Works to consist of five members, and if so, to elect one member of said Board of Public Works for one year, two members of said Board for two years and two members of said Board for three years.

Article 10th.—To see if the Town will elect Commissioners of its Sinking Funds.

Article 11th.—To see if the town will appropriate a sum of money for an addition to Engine House No. 1, for a stable on petition of the Engineers.

Article 12th.—To see if the Town will appropriate Five Hundred Dollars for the general use of the Park Commissioners for the ensuing year.

Article 13th.—To see if the Town will appropriate One Thousand Dollars to purchase of John H. Flint a new entrance to Carmel Woods from Walnut Avenue, as recommended by the Park Commissioners.

Article 14th.—To see if the Town will establish and locate a box of the Fire Alarm at the corner of Main Street and Punchard Avenue in said Town and appropriate One Hundred Dollars therefor, on petition of William Odlin and others.

Article 15th.—To see if the Town will appropriate a sum of money for the care of the Public Dump.

Article 16th.—To see if the Town will authorize the moving of the North Schoolhouse to some point on the River Road near the Shattuck Farm in order that the North and

Abbott Schools may be consolidated, and appropriate a sum of money necessary therefor, as recommended by the School Committee.

Article 17th.—To see if the Town will authorize the issue of Thirty Thousand Dollars of Sewer Bonds for construction purposes, on petition of the Sewer Commissioners.

Article 18th.—To see if the Town will vote to purchase a roller to use on the roads, and appropriate a sum of money therefor.

Article 19th.—To act on the reports of Town Officers.

Article 20th.—To see if the Town will revise and accept the list of names of Jurors prepared and posted by the Selectmen.

Article 21st.—To fix the pay of the Firemen for the ensuing year.

Article 22nd.—To determine the method of collecting the taxes for the ensuing year.

Article 23rd. — To determine the disposition of unexpended appropriations.

Article 24th.—To authorize the Treasurer to hire money for the use of the Town in anticipation of Taxes, upon the approval of the Selectmen.

Article 25th.—To determine the amount of money to be raised by taxation the ensuing year.

Article 26th.—To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant with your doings thereon, to the Town Clerk at the time and place of meeting.

Given under our hands at Andover, this eighteenth day of February, in the year one thousand eight hundred and ninety-nine.

WM. G. GOLDSMITH,
SAMUEL H. BOUTWELL,
JOHN S. STARK,
} *Selectmen of Andover.*

Officer's Return.

ANDOVER, March 7, 1899.

ESSEX, SS:

Pursuant to the foregoing Warrant, I, the subscriber, one of the Constables of the Town of Andover, have notified the inhabitants of said town to meet at the time and place, and for the purposes stated in said Warrant by posting a true and attested copy of the same on the Town House, on each School house, and no less than five other public places, where bills and notices are usually posted, said Warrants have been posted two Sundays.

GEO. W. MEARS,
Constable of Andover.

At a legal meeting of the inhabitants of the Town of Andover qualified to vote in town affairs, convened at the Town House in said Andover on the 6th day of March, 1899, at eight o'clock in the forenoon, agreeably to the requirements of the foregoing Warrant, and after reading part of the same by the Clerk it was

Voted, to dispense with the further reading of the Warrant.

Took up Article 1st.

Chose George H. Poor Moderator, by ballot, he receiving all of the four ballots cast.

Voted, To elect three Auditors.

Voted, To elect three Constables.

Voted, That the polls be closed at two o'clock P. M., and the polls were closed at that hour.

Voted, To lay Article 2d on the table and take up Article 9th.

Voted, To adopt the provisions of Chapter 83 Acts of 1899, to consolidate the Board of Water Commissioners and the Board of Sewer Commissioners in a Board of Public Works consisting of five members, and to elect one member of said board for one year, two members for two years, and two members for three years.

Voted, To take Article 2d from the table.

The Moderator appointed George W. Foster, Howell F. Wilson, Edgecomb J. Rowe, John W. Bell, and William Shaw a committee to sort and count ballots for Town Officers and Barnett Rogers to count the Liquor License votes, and they were all duly sworn by him to the faithful performance of their duty.

The Standard Ballot Box failed to work properly and was laid aside, an open box being substituted therefor in taking the vote on the Liquor License question.

At ten minutes past eight the polls were opened and the meeting proceeded to vote for town officers and to vote on the Liquor License questions.

Whole number of votes cast	894
Necessary for a choice where there were two or more candidates for the same office,	448

For Town Clerk and Collector of Taxes:

Abraham Marland had	894

For Town Treasurer:

George A. Parker had	893

For Selectmen, Assessors, and Overseers of Poor:

Wm. G. Goldsmith had	545
John S. Stark had	475
Charles Greene had	411
William H. Higgins had	345
George E. Pike had	1
T. Dennie Thomson had	1

For Board of Health,—3 years:

Howell F. Wilson had	890

For School Committee,—3 years:

John Alden had	892
John N. Cole had	889
Thomas David had	887
William Odlin had	1

For Trustee of Memorial Hall,—7 years:

Frederic S. Boutwell had	892
Charles H. Gilbert had	1

For Auditors of Accounts:

Charles B. Jenkins had	893
George A. Higgins had	890
W. Byron Morse had	890

For Park Commissioner,—3 years:

Charles L. Carter had	894

For Board of Public Works,—3 years:

Felix G. Haynes had	892
John H. Flint had	891

For Board of Public Works,—2 years:

James P. Butterfield had	892
William S. Jenkins had	891

For Board of Public Works,—1 year:

John L. Smith had	890

For Constables:

William L. Frye had	891
George W. Mears had	888
Elmer H. Shattuck had	888

For Fence Viewers:

William H. Carter had	893
George Buchan had	892
Michael T. Welch had	889

Highway Surveyor:

Joseph T. Lovejoy had	483
George W. Chandler had	403
Charles L. Carter had	1
George H. Chandler had	1

All the foregoing officers elected were chosen by ballot, the check list being used.

And the Moderator declared—

Abraham Marland elected Town Clerk and Collecter of Taxes.

George A. Parker elected Town Treasurer.

William G. Goldsmith elected Selectman, Assessor and Overseer of the Poor for one year.

John S. Stark elected Selectman, Assessor and Overseer of the Poor for one year.

Howell F. Wilson elected Board of Health for three years.

John Alden, John N. Cole, Thomas David, elected School Committee for three years.

Frederick S. Boutwell elected Trustee of Memorial Hall for seven years.

Charles B. Jenkins, George A. Higgins, W. Byron Morse elected Auditors of Accounts.

Charles L. Carter elected Park Commissioner for three years.

Felix G. Haynes, John H. Flint, elected Board of Public Works for three years.

James P. Butterfield, William S. Jenkins, elected Board of Public Works for two years.

John L. Smith elected Board of Public Works for one year.

William L. Frye, George W. Mears, Elmer H. Shattuck, elected Constables.

William H. Carter, George Buchan, Michael T. Welch, elected Fence Viewers.

Joseph T. Lovejoy elected Highway Surveyor.

The result of the vote on the Liquor License question was declared by the Moderater to be as follows:

"Yes," 92. "No," 535. Total, 627.

Voted, to proceed to vote for Park Commissioner in place of Frank S. Mills. resigned,

Whole number of votes cast,		46
Arthur Bliss had	28	
Walter Buck had	17	
Warren L. Johnson had	1	

And the Moderator declared Arthur Bliss elected to serve the unexpired term of two years.

Chose Field Drivers: J. Warren Mooar, George W. Mears.

Chose Surveyors of Lumber: Charles Torrey, William H. Carter, Albert A. Hardy, Lewis T. Hardy, Charles H. Marland, Salmond C. Walker, Charles G. Hussey, Frank E. Gleason, Henry Boynton, Edward S. Hardy.

Chose Pound Keeper: George L. Burnham.

Voted, that the Town barn and barn yard be the Pound.

Chose Trustee of Cornell Fund for three years: Joseph A. Smart.

Chose Fire Wards: Anthony Ward, William H. Tucker.

Took up Article 4th.

Voted, To appropriate the following stated sums of money:

Schools,	$21,000 00
School-houses,	2,500 00
School Books and Supplies,	1,600 00
Repairs on Highways and Bridges,	4,000 00
Macadamized Roads,	4,000 00
Sidewalks (1-2 to be expended under the betterment law)	1,500 00
Removing Snow,	3,500 00
Town Officers,	5,000 00
Town House,	1,500 00
Public Works, (maintenance),	5,000 00
Sinking Fund,	1,050 00
Fire Department,	2,500 00
Stable and repairs on Engine House,	5,000 00
Fire alarm (maintenance,)	300 00
Horses and Drivers,	3,000 00
Street Lighting,	4,150 00
Printing and Stationery,	1,000 00
Spring Grove Cemetery, and proceeds of sale of lots,	300 00
Park Commission,	500 00
Memorial Day,	200 00
State Aid,	1,600 00
Military Aid,	300 00
State Aid, War with Spain,	600 00
Expense of Almshouse,	4,000 00
Relief out of Almshouse,	6,000 00
Repairs on Almshouse,	300 00
State Tax,	4,000 00

County Tax,	5,000 00
Abatement of Taxes,	2,000 00
Interest on Notes, Funds, and Bonds,	10,000 00
Insurance,	600 00
Hay Scales,	50 00
Miscellaneous,	1,500 00
Redemption of Bonds (Vote of 1889),	5,000 00
New Street from Summer St. to Chestnut St.,	800 00
Fire Alarm box, cor. Main St. and Punchard Av.,	140 00
Public Dump, (and amount unexpended last year, $34.50),	50 00
Public Park, (Richardson and Berry lots),	1000 00

Voted, To take up the matter of appropriation for stable for town horses with Article 11.

Voted, That the Overseers of the Poor be requested to employ visitors of Andover Guild to investigate and recommend assistance where aid is required.

Voted, To appropriate two thousand dollars, for abatement of taxes. The vote stood 78 yes, 69 no.

Took up Article 5.

Voted, That the Town hereby instructs its Park Commissioners to take for park purposes the land known as the Richardson field and the lot between it and Whittier street owned by J. Warren Berry. That the Town authorize its Commissioners to pay for the same, a sum not exceeding ten thousand dollars. For payment of this the Town hereby votes to appropriate one thousand dollars, the balance to be paid by five (5) notes of the town to mature one year apart. The vote stood 249 yes, 12 no.

Took up Article 6.

Moved, To indefinitely postpone, this motion was not carried.

Voted, To accept the street as laid out by the Selectmen from Main street next south of the Town House to Bartlet street, as presented by the Chairman of the Selectmen. For particulars see Record of Lay out and Conditions in book of "Records of Town Roads. The vote stood 151 yes, 126 no.

Took up Article 7.

Moved, To indefinitely postpone, motion not carried.

Voted, That the matter of widening Chester street, Ballardvale, be left with the Selectmen to report at next Town Meeting.

Took up Article 8.

Voted, To accept the street as laid out by the Selectmen from a point on Summer street near the house of Mrs. Burns to a point on East Chestnut street near house of Mrs. May, and that eight hundred dollars be appropriated therefor, for particulars see Record of Lay out and Conditions in book of Records of Town Roads.

Article 9 has already been acted upon.

Took up Article 10.

Voted, That the Board of Public Works act as Commissioners of Sinking Fund.

Took up Article 11.

Voted, That the town appropriate five thousand dollars, for an addition to Engine House No. 1, for a stable, and that the matter be in charge of a Committee of five to consist of one member of the Board of Engineers, one Selectmen, the Road Surveyor, and two other citizens, to be appointed by the Moderator.

The Moderator appointed the following as that Committee: Andrew McTurnen, William G. Goldsmith, Joseph T. Lovejoy, John L. Smith, William S. Jenkins.

Article 12 has been acted upon.

Took up Article 13.

Voted, To indefinitely postpone.

Took up Article 14.

Voted, To appropriate one hundred and forty dollars to establish and locate a box of the Fire Alarm at the corner of Main street and Punchard avenue.

Took up Article 15.

Voted, To appropriate fifty dollars, for the care of the Public Dump.

Took up Article 16.

Moved, That the Town authorize the School Committee to move the North School House to some point near the Shattuck Farm and consolidate the North and Abbott schools and appropriate five hundred dollars therefor. The motion was not carried.

Took up Article 17.

Voted, That the Treasurer be and he is hereby authorized to issue the bonds of the town to be designated on their face as the Andover Sewer Loan to the amount of thirty (30) thousand dollars in addition to those already issued, the proceeds to be used for the purpose of constructing a system of sewers for the Town as authorized by Chap. 386, Acts of 1895, and Chap. 139 Acts of 1897. The bonds hereby authorized shall be thirty (30) in number and shall be of the denomination of one thousand (1000) dollars each. They shall be numbered from (81) to one hundred and ten (110) both numbers inclusive, they shall bear date of April 1st., 1899, and shall mature and be paid, April 1st., 1904. They shall bear interest at the rate of three and one half (3 1-2) per centum per annum and the interest shall be payable semi-annually on the first day of April and October of each year.

They shall have coupons attached to them providing for the payment of said interest at the times mentioned. The principal and interest of said bonds shall be payable at some convenient bank or office in the City of Boston.

Said bonds shall be signed by the Town Treasurer and countersigned by the Board of Public Works as required by law and shall be sold by the Treasurer to the highest bidder therefor in proposals to be solicited by him from bankers and others.

For the purpose of paying the principle of said bonds at their maturity, a sinking fund is hereby established in accordance with the provision of law in this behalf, and the Treasurer is hereby authorized and required to pay into said sinking fund whatever premium may be received from the sale of said bonds in excess of their face value and there shall be raised by taxation and contributed annually such sums as shall be sufficient with the excess from receipts from assessments and payments, together with the accumulations thereof, to pay the principle of said bonds at their maturity, but said sinking fund shall remain inviolate and pledged to the payment of said bond and not to be used for any other purpose.

The vote stood seventy (70) yes, and (2) no.

Took up Article 18.

" To see if the Town will vote to purchase a roller for use on the roads, and appropriate a sum of money therefor."

Voted, To indefinitely postpone.

Took up Article 19.

Voted, To accept the reports of the Town Officers.

Took up Article 20.

Voted, To strike the name of James F. Scott from the Jury List, as requested by him.

Voted, To accept the Jury List as revised here following.

List of Jurors—1899.

Abbott, Allen F.	Carpenter
Abbott, Edward F.	Carpenter
Anderson, Frank H.	Clerk
Anderson, James	Hackle maker
Averill, George L.	Farmer
Bailey, Samuel H.	Farmer
Bailey, Frank E.	Farmer
Bailey, Nathan R.	Farmer
Billington, Charles F.	Wool sorter
Boutwell, Edward W.	Farmer
Boutwell, Samuel H.	Farmer
Boynton, Henry	Farmer
Brown, George A.	Clerk
Burns, William J.	Clerk
Burnham, George L	Farmer
Carter, William H.	Farmer
Chandler, Joshua H.	Farmer
Cole, Joseph F.	Contractor
Cole, Roscoe K	Carpenter
Collins, Daniel A	Rubber worker
Daley, James E.	Rubber worker
Daley, Patrick J.	Merchant
Dane, Louis A.	Printer
Davey, John	Engineer
Dear, Alexander	Farmer
Dodson, Richard J.	Farmer
Dodge, George K.	Photographer
Doherty, William A.	Carpenter
Donald, Walter S.	Manufacturer
Downing, Emanuel	Farmer
Erving, Abbott	Farmer
Farnham, Moses L.	Clerk
Flint, James S.	Farmer
Foster, Frank M.	Carpenter

Gould, Henry E.	Farmer
Grosvenor, James	Clerk
Hackett, William H.	Farmer
Hardy, Fred. S.	Farmer
Hardy, Albert A.	Farmer
Haynes, Bancroft T.	Merchant
Hayward, Henry A.	Farmer
Herrick, George W	Watch maker
Holt, John M	Stone mason
Howarth, Edward	Overseer
Hurley, John F.	Carpenter
Hussey, George E.	Clerk
Jenkins, Charles B.	Clerk
Kibbee, Charles H.	Farmer
Livingston, William	Farmer
Lovejoy, Stephen A.	Farmer
Lowd, Joseph H.	Clerk
McDermitt, Charles	Flax dresser
Mooar, J. Warren	Painter
Moody, A. Herbert	Carpenter
Mears, Nathan E.	Overseer
Neal, Horace S.	Wool sorter
O'Connell, Arthur F.	Carpenter
Pearson, George H.	Farmer
Phelps, Frank C.	Farmer
Poor, Daniel H.	Wool sorter
Riley, Lawrence F,	Wool sorter
Robinson, Charles W.	Machinist
Schneider, Louis H.	Moulder
Shaw, Benjamin	Spinner
Stack, John, Jr.	Janitor
Stark, John S.	Provision dealer
Scott. James F.	Overseer
Stott, Thomas E.	Wool sorter
Tuck, M. Warren	Shoe maker

Ward, Wilbur F.	Overseer
White, Herbert L.	Salesman

WILLIAM G. GOLDSMITH,
SAMUEL H. BOUTWELL,
JOHN S. STARK,
Selectmen of Andover.

Took up Article 21.

Voted, That the pay of the Firemen be the same as last year. Twenty five dollars per year.

Took up Article 22.

Voted, That the Tax Collector be paid a salary of one thousand dollars as Town Clerk, Tax Collector, Clerk of the Board of Selectmen, Assessors, and Overseers of the Poor, and all fees collected be turned in to the Town Treasury.

Took up Article 23.

Voted, That all unexpended appropriations be turned into the Treasury, except that of the Public Dump.

Took up Article 24.

Voted, That the Treasurer be authorized to hire money for the use of the town in anticipation of taxes, upon the approval of the Selectmen.

Took up Article 25.

Voted, To raise eighty five thousand dollars by taxation the ensuing year.

Took up Article 26.

Voted, That the town horses be placed under the care of the Selectmen and that they be instructed to place one pair at Ballardvale Engine House for use of the town.

Voted, That the Chair appoint a Committee of fifteen as a Finance Committee, this committee to examine into and

carefully consider all appropriations recommended by the Selectmen before the Annual Town Meeting, and report such changes in said appropriations, as in their judgment the best interest of the town requires.

The Chair appointed the following persons as that Committee: William G. Goldsmith, Samuel H. Boutwell, John S. Stark, John H. Flint, William S. Jenkins, Joseph T. Lovejoy, Lewis T. Hardy, John L. Brewster, John W. Bell, William Marland, Jacob W. Barnard, John L. Smith, Felix G. Haynes, John Nelson Cole, J. Warren Berry.

Voted, That all bills be audited before paid, that bills be presented by the first day of each month, and that they be paid on the second Monday in each month, that Auditors be paid five dollars ($5.00) per month to be divided as they shall decide.

Voted, That a committee of three be appointed by the Chair to examine the methods of book-keeping of the town, and report thereon at the next annual meeting.

The Chair appointed the following as that Committee: John Newton Cole, Howell F. Wilson, George A. Parker.

Voted, That a Committee of five be appointed by the Chair, to take into consideration the matter of revising the names of the streets in the town, and report at the next annual Town Meeting.

The Chair appointed the following persons as that Committee: George W. Foster, Colver J. Stone, Albert Poor, Walter S. Donald, H. Bradford Lewis.

Voted, That the meeting be dissolved.

The meeting was dissolved at six o'clock p. m.

The foregoing is a true copy of the Warrant and the Officer's Return thereon, also a true record of the doings of the meeting.

Attest:

ABRAHAM MARLAND,

Town Clerk.

Special Town Meeting, May 9, 1899.

WARRANT.

ESSEX, SS.: To either of the Constables of the Town of Andover. GREETING:

In the name of the Commonwealth of Massachusetts you are hereby directed to notify the inhabitants of the Town of Andover, quailified to vote in town affairs, to meet and assemble in the Town House in said Andover, on Tuesday, the ninth day of May, 1899, at 7.30 P.M., to act on the following articles, namely:

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2nd.—To see if the Town will vote to discontinue the street laid out and voted for by the Town, March 6, 1899, between Main and Bartlett streets, south of Town House and Engine House and estate of James H. Smith, on petition of John E. Pitman and eleven others.

Article 3rd.—To see if the town will vote to reduce the width of said street by taking off five feet on the north side on the petition of John E. Pitman and others.

Article 4th.—To see if the Town will authorize the Board of Public Works to construct sewers on Main and Porter streets, from end of line shown on plan of McClintock and Woodfall, to house of Prof. C. H. Forbes, on Chestnut street from Whittier street to New street, and on Washington avenue from Summer street to Elm street, on petition of the Board of Public Works.

Article 5th.—To see if the Town will purchase a piece of land from Hardy & Cole, with building and half of tracks thereon, for use as a storage yard for the Board of Public

Works, and move the workshop to said land. and appropriate the sum of three thousand dollars ($3000.00) therefor, on petition of the Board of Public Works.

Article 6th.—If Article 5th is not carried, to see if the Town will build a brick wall from the Town House to Engine House No. 1, on Park street, and move the repair shop of the Board of Public Works to the space between the Town House and Engine House No. 1, and appropriate a sum of money therefor.

Article 7th. To transact any other Business that may legally come before the meeting.

Given under our hands, at Andover, this twenty-eighth day of April in the year one thousand eight hundred and ninety-nine.

WM. G. GOLDSMITH,
SAM'L H. BOUTWELL,
JOHN S. STARK,
Selectmen of Andover.

ANDOVER, MAY 9, 1899.

ESSEX SS. Pursuant to the foregoing Warrant, I, the subscriber, one of the Constables of the Town of Andover have notified the inhabitants of said town to meet at the time and place, and for the purposes stated in said Warrant, by posting a true and attested copy of the same on the Town House, on each school house, and in not less than five other public places, where bills and notices are usually posted, said Warrants have been posted two Sundays.

GEO. W. MEARS,
Constable of Andover.

At a special meeting of the inhabitants of the Town of Andover qualified to vote in town affairs, convened at

the Town House in said Andover, agreeably to the requirements of the foregoing Warrant, and after reading a portion of the Warrant by the Town Clerk, it was

Voted, to dispense with the further reading of the Warrant.

Then took up Article 1st, and

Chose George H. Poor moderator by nomination from the floor.

Took up Article 2d,

Moved, to discontinue the street laid out and voted for by the town March 6, 1899, between Main and Bardlett streets south of the Town House and Engine House and estate of James H. Smith. This motion was not carried, the vote standing as follows: Yes, 16; No, 87.

Took up Article 3rd,

Voted, That this Article be indefinitely postponed.

Took up Article 4th,

Voted, That the Board of Public Works be authorized to construct sewers through Main street and Porter street to the house of Prof. C. H. Forbes, through Chestnut street from Whittier street to Mrs. May's house, through Washington avenue from Summer street to Elm street, and the town accept a plan for sewers for Town of Andover made by John E. Smith, dated May 9th, 1899, the said plan being the extension of the original plan of the system of sewers for the Town of Andover, made by McClintock and Woodfall, dated January, 1894.

Took up Article 5th,

Voted, That the Board of Public Works be authorized to purchase a piece of land of Hardy & Cole for a storage yard, and move the Water Works building thereon, and appropriate the sum of three thousand dollars ($3000.00) therefor.

Voted, That the Town Treasurer be authorized with the approval of the Selectmen to give the town's note for three thousand dollars ($3000.00) on one year's time with interest not exceeding three and one-half (3 1-2) per cent. for the purpose of paying for land voted for under Article 5th.

Took up Article 6th,

Voted, To indefinitely postpone.

Took up Article 7th,

Voted, to adjourn.

The foregoing is a true copy of the Warrant and the Officers' Return thereon, also a true record of the doings of the meeting.

Attest:

ABRAHAM MARLAND,

Town Clerk.

SELECTMEN'S ACCOUNT.

SCHOOLS.

Appropriation, March 6th, 1899,		$21,000 00
George E. Johnson, Superintendent,	$1699 92	
Anna E. Chase, teaching,	750 00	
Frances B. M. Wilgoose, teaching,	450 00	
Katherine Robinson, teaching,	500 00	
Julia C. Carleton, teaching,	412 10	
Carolyn A. Dean, teaching,	448 16	
E. L. Comstock, teaching,	517 50	
Edith E. McLawlin, teaching,	556 44	
Lucy A. Roach, teaching,	465 62	
Jennie S. Abbott, teaching,	450 00	
Annie O. S. Clemons, teaching,	475 00	
Adele H. Duval, teaching,	460 00	
Evelyn P. Reed, teaching,	445 92	
Mary E. Scott, teaching,	320 00	
Margaret C. Donovan, teaching,	535 00	
Jennie Birnie, teaching,	446 45	
F. M. Provost, teaching,	423 49	
Marie L. Saunders, teaching,	114 00	
Clara A. Putnam, teaching,	620 00	
Jessie B. F. Greene, teaching,	450 00	
Annie M. Downes, teaching,	500 00	
Rubina S. Copeland, teaching,	485 00	
Florence I. Abbott, teaching,	460 00	
Lilla A. Abbott, teaching,	285 00	
Helen W. Battles, teaching,	500 00	
Gertrude A. Burtt, teaching,	255 00	
Amount carried forward,	$13024 60	

Appropriation, March 6th,		$21,000 00
Amount brought forward,	$13024 60	
Mary E. Kinney, teaching,	216 00	
Alice M. Bowman, teaching,	205 20	
Eva A. Hardy, teaching,	352 89	
Harriet W. Carter, teaching,	450 00	
Sara A. Patrick, teaching,	205 20	
Julia F. McCarthy, teaching,	325 00	
Elizabeth H. Demarest, teaching,	1000 00	
Laura F. Farnum, teaching,	9 38	
Dollie M. Farnum, teaching,	198 11	
Bessie A. Holt, teaching,	6 05	
Bertha S. Meacom, teaching,	425 00	
Bessie A. Holt, teaching,	71 15	
Gertrude Jackson, teaching,	80 00	
Grace A. Burnham, teaching,	170 00	
Marion D. Payne, teaching,	144 00	
Eva E. Stone, teaching,	136 80	
Mrs. J. H. Bennett, teaching,	75 76	
Frances I. Brown,	160 61	
Mrs. F. B. Goff, teaching,	40 99	
F. D. Durand, teaching,	60 00	
S. M. Jordan, teaching,	44 72	
L. W. Bodwell, janitor,	969 25	
Orrell Ashton, janitor,	214 50	
Andrew Thompson, janitor,	92 00	
George D. L. Flint, janitor,	26 00	
Patsy J. Barrett, janitor,	54 00	
William A. Howell, janitor,	17 50	
Albert A. Doyle, janitor and prep. wood,	21 50	
George McIntire, janitor,	17 00	
F. H. Hardy, janitor,	13 00	
Harry D. Flint, janitor,	16 00	
Frederic N. Noyes, janitor,	4 00	
Amount carried forward,	$18846 21	

Appropriation, March 6th,		$21,000 00
Amount brought forward,	$18846 21	
Alexander Dick, janitor,	108 25	
Frank McGovern, janitor,	19 00	
Sarah Bourdelais, janitor,	14 00	
Edward F. Abbott, janitor,	12 00	
Charles A. Craig, janitor,	27 50	
Frank E. Gleason, coal and wood,	1603 04	
James S. Flint, wood,	13 00	
Clarence J. Way, wood,	31 50	
William H. Tucker, wood,	15 25	
John B. Abbott, wood,	33 30	
Leon G. Flint, preparing wood,	4 00	
Shattuck Bros., wood,	5 00	
Daniel W. McIntire, preparing wood,	7 32	
George F. Baker, wood,	24 00	
John C. Whittier, wood,	6 00	
George Goldsmith, wood,	10 00	
J. Warren Mooar, truant officer and census of children,	90 00	
Alice T. Whitney, labor,	2 25	
John J. Barrett, lock,	1 25	
William H. Higgins, teams,	59 50	
W. H. Sylvester, tuning pianos,	4 00	
George E. Johnson, cash paid for sundry purposes,	68 97	
M. Steinert & Sons Co.,	2 00	
Total expenditure,		$21007 34
Overdrawn,		$7 34

SCHOOL-HOUSES.

Appropriation, March 6th, 1899		$2,500 00
John Haggerty, labor,	$ 12 50	
George Saunders, supplies,	16 20	
John Barrett, labor,	1 25	
J. E. Whiting, clocks,	11 05	
Henry McLawlin, supplies,	62 20	
Hardy & Cole, repairs,	892 57	
George A. Hardy, labor,	1 50	
Henry Harman, repairs,	34 91	
Frank A. Hardy, repairs,	5 25	
Anderson & Bowman, repairs,	80	
William A. Howell, repairs,	3 10	
D. Donovan & Son, repairs,	25 70	
R. B. White, repairs,	33 59	
Erwin C. Pike, supplies,	15 07	
Henry P. Noyes, supplies and repairs,	16 47	
Abbott Erving, repairs,	50 00	
T. A. Holt & Co., supplies,	48 35	
J. J. Donovan, masonry,	40 80	
M. J. Enwright, mirrors,	26 25	
Joshua H. Chandler, labor and repairs,	46 90	
James Manly, labor,	3 50	
Benjamin Shaw, repairs,	8 75	
John H. Pray & Co., matting,	41 14	
Joseph Bourdelais, repairs,	24 75	
Richardson & Pitman, repairs,	5 08	
Frank E. Dodge, repairs,	25	
Andover Electric Co., lighting,	12 60	
M. T. Walsh, repairs,	13 25	
Amount carried forward,	$1453 78	

Appropriation, March 6th,		$2,500 00
Amount brought forward,	$1453 78	
E. J. Rowe, repairs,	188 96	
Geo. W. Chandler, labor,	183 52	
Horace Bodwell, repairs,	2 00	
Tuttle's Express,	6 96	
L. W. Bodwell, repairs,	7 83	
John S. Dearborn, painting,	33 00	
Edward F. Abbott, repairs,	5 35	
William Ronan, labor,	3 10	
George D. Millett,	2 40	
J. E. Pitman, repairs,	18 85	
Bailey & Chase, concreting,	188 28	
A. W. Caldwell, painting,	391 20	
Alexander Dick, repairs,	14 02	
Total expenditure,		$2499 25
Balance unexpended,		$ 75

SCHOOL BOOKS AND SUPPLIES.

Appropriation, March 6th, 1899,		$1,600 00
Edward E. Babb & Co.,	$202 21	
Andover Press,	64 60	
American Express Co.,	3 45	
Tuttle's Express,	35 66	
Joseph Gillott & Sons,	3 90	
Prang Educational Co.,	8 40	
H. F. Chase,	3 20	
O. P. Chase,	20 36	
American Book Co.,	115 73	
Ginn & Co.,	168 82	
Houghton, Mifflin & Co.,	94 32	
T. A. Holt & Co.,	1 16	
George A. Higgins & Co.,	11 17	
Silver, Burdette & Co.,	106 64	
H. F. Smith Publishing Co.,	1 50	
Werner School Book Co.,	4 32	
T. J. Farmer,	60	
D. C. Heath & Co.,	87 97	
J. L. Hammett & Co.,	232 81	
William Ware & Co.,	25 84	
George S. Perry & Co.,	16 00	
Andover & Lawrence Express,	1 00	
George E. Johnson,	9 46	
Alice Thacher Whitney,	6 15	
Educational Publishing Co.,	20 84	
E. L. Kellogg & Co.,	1 80	
Rand, McNally & Co.,	70 15	
J. E. Pitman,	8 70	
Amount carried forward,	$1326 76	

Appropriation, March 6th,		$1,600 00
Amount brought forward,	$1326 76	
Dennison M'f'g. Co.,	6 78	
S. E. Reiley,	1 63	
Eagle Pencil Co.,	12 75	
Boston School Supply Co.,	41 67	
Charles W. Sever & Co.,	50	
F. J. Barnard & Co.,	139 07	
Boston Normal School of Gymnastics,	3 00	
Smith & Manning,	47	
Tyer Rubber Co.,	10	
Jennie S. Abbott,	70	
Morse Company,	5 90	
Evelyn P. Reed,	2 00	
A. Storrs & Bement Co.,	1 25	
Total expenditure,		$1542 58
Balance unexpended,		57 42
		$1600 00

HIGHWAYS AND BRIDGES.

Repairs.

Appropriation March 6th, 1899,		$4000 00
Amount received from Street sprinkling,		800 00
Street Railroad Tax,		1730 84
		$6530 84
J. T. Lovejoy, Supt., on acct. of salary,	$525 30	
J. H. Chandler, labor,	12 62	
A. H. Hill, gravel,	21 35	
John D. Driscoll, labor,	1 35	
Henry McLawlin, supplies,	64 67	
Hardy & Cole, lumber and labor,	349 59	
Fred A. Sampson, stone,	15 00	
Walter French, labor,	87 11	
T. H. Lord, labor,	175 00	
Sivert Peterson, labor,	1 00	
Thomas P. Harriman, iron work,	3 30	
Anderson & Bowman, iron work,	25 40	
James Toye, gravel,	40 00	
Boston & Maine R. R., freight,	4 16	
Frank McCuskar, labor,	246 16	
Patrick W. Conway, labor,	162 30	
Smith & Dove Mfg. Co., flax,	7 80	
Michael J. O'Connor, building culvert,	141 00	
Samuel Smith, supplies,	6 00	
W. F. Rutter & Co., supplies,	34 50	
A. M. Colby, sign painting,	4 00	
C. L. Bailey, labor,	4 37	
Treat Hardware & Supply Co., supplies,	17 55	
Amount carried forward,	$1949 53	

Appropriation, March 6th,		$6,530 84
Amount brought forward,	$1949 53	
Tuttle's Express, carting,	3 10	
William H. Tucker, labor,	66 08	
American Express Co.,	25	
Smith & Manning, supplies,	6 01	
John S. Dearborn, painting bridge,	40 41	
Erwin C. Pike, supplies,	4 91	
F. G. Haynes & Co., supplies,	12 03	
A. Beauregard, 1-3 cost of hose wagon,	49 17	
J. E. Pitman, stock and labor,	22 80	
W. J. Jones, stones,	36 04	
H. F. Chase, supplies,	1 00	
L. N. Farnum, blasting,	77 30	
Reuben Webb, labor,	12 00	
Tuttle & Morrison, iron work,	4 55	
Board of Public Works, pipe,	6 50	
Dennis Sweeney, iron work,	6 70	
P. J. Hannon, stone in 1898,	58 20	
Jerry Golden, labor,	31 50	
Concord Foundry Co., castings,	6 00	
J. E. Pitman, building fence,	76 95	
John Madden, labor,	74 28	
John Leary, labor,	104 61	
William Leary, labor,	127 36	
Timothy Madden, labor,	117 25	
Thomas Smith, labor,	101 69	
Timothy C. Sullivan, labor,	159 06	
George L. Burnham, supt., labor,	326 00	
Michael Cullen, labor,	123 08	
Elwyn Teague, labor,	147 77	
William Wakeley, labor,	150 11	
Henry Morrow, labor,	63 58	
Hugh Malcomb, labor,	111 41	
Amount carried forward,	$4077 23	

Appropriation, March 6th,		$6,530 84
Amount brought forward,	$4077 23	
Patrick Hodnett, labor,	147 58	
William Gillespie, labor,	163 72	
Michael Leary, labor,	61 50	
Patrick McMullen, labor,	111 22	
John O'Collins, labor,	61 00	
Jerry Leary, labor,	38 50	
S. A. Lovejoy, labor,	232 03	
Samuel Levis, labor,	143 50	
B. McKenzie, labor,	59 89	
George D. Ward, labor,	86 00	
Lewis Belisle, labor,	137 08	
George H. Soule, labor,	37 50	
Joseph Bourdelais, labor,	22 50	
Harry Bourdelais, labor,	8 75	
John Conway, labor,	81 00	
Carl Hoffman, labor,	93 23	
Hiram Carter, labor,	47 83	
J. Warren Mooar, gravel,	22 00	
Thomas J. O'Brien, labor,	6 00	
Stephen E. Abbott, labor,	16 50	
Charles E. Stickney, labor,	31 75	
John Conley, labor,	43 33	
William Caffrey, labor,	67 47	
J. A. Eaton, labor,	16 72	
Michael Stack, labor,	12 00	
J. T. Lovejoy, team labor,	38 83	
Mrs. Lawson, gravel,	11 00	
John Nuckley, labor,	3 50	
Total expenditure,		$5879 16
Balance unexpended,		$651 68

Horses and Drivers.

Appropriation, March 6th, 1899,		$3,000 00
Amount earned on State Highway,		121 42
Amount earned on Barnard Road,		115 03
Amount earned on Avon Street,		229 17
		$3465 62
A. Beauregard, cart and wagon,	$206 12	
Barnett Rogers, rent of barn,	36 00	
Mrs. John Lynch, hay,	13 15	
Geo. L. Burnham, Supt., hay,	75 90	
A. W. Caldwell. painting,	8 74	
Frank E. Morse, care of horses,	600 00	
Frank M. Smith, care of horses,	720 00	
Frank Carter, care of horses,	125 00	
Frank E. Gleason, straw,	118 02	
Henry McLawlin, supplies,	33 83	
Andover Electric Company, light,	42 10	
T. A. Holt & Co., grain,	247 71	
George A. Parker, medicine,	7 20	
E. M. and W. A. Allen, medicine,	3 30	
J. H. Campion & Co., grain,	135 70	
Hardy & Cole, labor,	4 30	
G. A. Mayer, harness,	32 55	
Charles F. Mayer, harness and labor,	5 85	
John Haggerty, care of horses,	481 40	
Anderson and Bowman, iron work,	54 73	
Thomas P. Harriman, iron work,	36 35	
Erwin C. Pike, supplies,	64	
Greene & Woodlin, grain,	61 02	
William H. Higgins, harness soap,	50	
C. H. Shattuck, harness,	3 10	
George Saunders, supplies,	3 90	
Amount carried forward,	$3057 11	

Appropriation, March 6th,		$3,465 62
Amount brought forward,	$3057 11	
George E. Hussey, use of horse,	8 50	
George S. Fuller, veterinary,	29 50	
Dennis Sweeney, iron work,	18 00	
J. O'Leary, labor,	1 00	
A. McDonald, wood and iron work,	25 88	
George F. Holt Est., hay,	27 85	
F. G. Haynes & Co., grain,	31 77	
McCarthy Bros.,	17 75	
Tuttle & Morrison, iron work,	37 46	
N. H. Shattuck, harness,	13 77	
J. F. Winchester, dentistry,	6 50	
Smith & Manning, grain,	85 73	
A. N. Bean, use of horse,	21 00	
P. J. Hannon, hay,	83 90	
Total expenditure,		$3465 62

Snow.

Appropriation, March 6th, 1899,		$3500 00
L. F. Murch,	$28 29	
Charles A. Jameson,	21 70	
John Holt,	6 81	
William Adams,	3 50	
John Haggerty,	20 78	
Patrick Conway,	7 00	
Joseph Shephard,	13 22	
John Hart,	16 72	
J. H. Chandler,	37 61	
George H. Burnham,	11 55	
William Leary,	16 72	
John Leary,	18 28	
Daniel F. Murphy,	11 18	
William A. Haigh,	6 93	
Patrick Murphy,	9 53	
John Schofield,	18 28	
George L. Burnham, Supt.,	19 21	
Thomas O'Tool,	9 67	
Bert Mears,	9 67	
George C. Chiris,	8 73	
Timothy Madden,	2 33	
J. J. Abbott,	75 22	
D. H. Mitchell,	51 50	
T. H. Lord,	8 00	
John D. Driscoll,	21 39	
Cornelius Collins,	16 72	
Patrick Moynihan,	5 25	
George W. Chandler, salary,	171 67	
George C. Chandler,	1 75	
John S. Ronan,	18 21	
George E. Flint,	16 86	
Amount carried forward,	$684 28	

Appropriation, March 6th,		$3,500 00
Amount brought forward,	$684 28	
William Hardney,	12 12	
George W. Chandler,	26 55	
Joseph Magnet,	2 53	
Dennis Riley,	4 28	
Agustus Cunningham,	35	
Hood Farm,	11 75	
S. H. Bailey,	13 05	
B. F. Smith,	69 63	
D. F. Harrington.	12 00	
Thomas Fitzgerald,	2 60	
F. A. Gould,	64 64	
W. H. Carter,	157 31	
R. C. Reed,	4 37	
C. C. Blunt.	1 75	
G. A. Hardy.	5 83	
John S. Kempton.	4 23	
Thomas Grey,	6 33	
Samuel Thayer,	5 64	
George E. Shute,	1 94	
James H. Poor,	6 81	
Henry J. Cunningham,	9 22	
Frank Gill,	7 00	
William Farlie,	3 71	
Peter Dugan,	10 50	
Arthur Slain,	5 25	
James Poland,	9 72	
Sam Levis,	5 44	
James Manahan,	7 00	
Patrick Hodnett,	11 47	
Frank McCluskar,	11 47	
Charles Rea,	11 47	
John Morrison,	9 92	
Amount carried forward,	$1200 16	

Appropriation, March 6th,		$3,500 00
Amount brought forward,	$1200 16	
William Hobdy,	8 75	
William Kenzie,	8 75	
John Marooney,	8 75	
Michael Heffron,	9 42	
Daniel Donovan,	1 75	
John O'Collins,	17 20	
Jerry Donovan,	8 75	
John Guthrie,	1 75	
Daniel J. Donovan,	8 75	
Teddy Law,	1 75	
Cornelius Sullivan,	11 47	
J. H. Winslow,	8 56	
Patrick McMullen,	14 00	
Andrew Hurley,	10 50	
Timothy Madden,	11 47	
John Madden,	11 47	
Fred W. Leister,	11 47	
Michael Leary,	5 25	
Daniel Sullivan,	10 50	
Cornelius Donovan,	5 25	
John Connolly,	10 50	
Frank Williamson,	5 25	
Daniel Collins,	10 50	
James Connolly,	8 75	
Dennis Driscoll,	8 56	
O. Benson,	7 78	
G. Wettenberg,	7 98	
John Donovan,	7 98	
M. Walch,	5 25	
Henry Seacole,	8 35	
John Murphy,	8 75	
Henry Allicon,	7 00	
Amount carried forward,	$1472 37	

Appropriation, March 6th,		$3,500 00
Amount brought forward,	$1472 37	
Walter French,	11 47	
T. H. Lord,	8 75	
D. L. Lord,	7 00	
C. W. Buck,	7 00	
John Mahoney,	7 78	
Peter Conway,	3 69	
Edward Conway,	3 11	
William Titus,	3 69	
Joseph Malonson,	4 67	
Clarence Spalding,	7 49	
Horace Hatch,	4 95	
John Conway,	3 50	
Charles Conway,	3 50	
Clarence J. Way,	17 00	
Fred Way,	9 63	
Charles H. Flint,	4 08	
Sylvanus Lovejoy,	2 81	
Stephen Lovejoy,	1 55	
Joseph Gorst,	7 88	
Charles Livingston,	2 33	
Joseph Bourdelais,	45 25	
Agustus Upton,	1 55	
Henry Bourdelais,	1 75	
Frank A. Davis,	10 53	
John F. Miller,	3 82	
E. M. Washborn,	16 00	
George A. Perkins,	6 12	
John Cobath,	5 44	
Robert Gemmell,	98	
George E. Flint 1st,	10 21	
George A. Dumont,	12 25	
Hugh Malcomb,	4 37	
Amount carried forward,	$1712 52	

Appropriation, March 6th,		$3,500 00
Amount brought forward,	$1712 52	
E. W. Burtt,	40 60	
H. L. White,	1 95	
William H. Tucker and others,	74 83	
George Mander,	1 80	
George L. Averill,	13 73	
John Haggerty and 28 others,	162 75	
Fred Stark,	21 90	
W. W. Craig,	5 41	
J. E. Newcomb,	5 41	
Daniel Fitzpatrick,	45 00	
George Doyle,	8 40	
Morris Fitzgerald,	5 60	
N. G. Abbott,	50	
Almon P. Abbott,	4 60	
Harrison H. Hardy,	5 00	
Michael A. Toomey,	7 00	
George Goldsmith,	35 20	
Daniel Sweeney,	7 23	
J. E. Hutcheson,	2 91	
E. S. Hardy,	20 10	
George Garland,	4 13	
George Worcester,	6 75	
John T. Nuckley,	98	
John W. Nuckley,	7 78	
Frank Dandrement,	2 62	
William A. Davis,	5 44	
Alexander Dear,	1 75	
A. Beauregard,	1 75	
Warren A. Bailey,	105 89	
Norman Myatt,	3 50	
John B. Jenkins,	10 50	
John A. O'Brien,	3 50	
Amount carried forward	$2337 03	

Appropriation, March 6th,		$3,500 00
Amount brought forward,	$2337 03	
Freeman Abbott,	65 35	
George P. Pillsbury,	61 37	
Timothy C. Sullivan,	16 34	
Abbott Erving,	8 75	
H. McLawlin, shovels,	5 95	
Charles L. Bailey,	3 50	
Phillip C. Mooar,	8 75	
R. P. Whitten,	5 25	
Ralph R. Ross,	8 75	
Harry Reed,	15	
S. H. Boutwell,	22 14	
James S. Flint,	1 36	
E. G. Hardy,	5 33	
A. A. Hardy,	32 60	
Joseph T. Lovejoy,	20 00	
J. L. Noyes,	6 91	
Robert A Watson,	9 76	
Porter Livingston,	1 75	
Sivert Peterson,	5 25	
John J. Barrett,	1 07	
Charles M. Newton,	3 89	
Edgar G. Wright,	3 50	
Lewis Belisle,	7 87	
John O'Connell,	88	
J. F. Morse,	6 00	
Frank L. Stiles.	6 38	
Thomas P. Harriman,	2 00	
Arthur Shaw,	1 75	
Walter Shaw,	1 75	
S. A Lovejoy,	7 20	
O. Peterson,	5 25	
Jerry Golden,	12 25	
Frank E. Abbott,	1 70	
Total expenditure,		$2687 78
Balance,		$812 22

Macadam.

Appropriation, March 6th, 1899,			$4000 00
J. T. Lovejoy, Supt., on acct. of salary,	$249	99	
William H. Welch & Co., pipe,		30	
Henry McLawlin, supplies,	22	29	
Bailey & Chase,	25	50	
Goodroad's Machinery Co., parts of crusher,	119	88	
American Express Co., carting,	1	10	
Henry Boynton, stone,	14	05	
George P. Walker, stone,	10	80	
Porter Livingston, stone,	19	20	
Mrs. C. N. Moulton, stone,	21	30	
Joseph Bourdelais, stone,	27	75	
J. T. Lovejoy, stone,	32	40	
A. J. Wellington, posts and castings,	34	25	
Treat Hardware & Supply Co., supplies,	7	92	
Anderson & Bowman, iron work,	11	75	
Ira Buxton, saw-filing,		80	
Lewis Belisle, stone,	2	25	
Edward Hoole, stone,	6	90	
J. E. Pitman, building fence,	107	71	
Boston & Maine R.R., freight,		35	
Frank E. Gleason, wood,	6	00	
M. C. Andrews, pipe,	3	50	
George P. Pillsbury, wood,	115	00	
George Buchan, labor,	34	33	
William Ronan, labor,	30	00	
George L. Burnham, Supt., labor,	105	50	
Jerry Leary, labor,	43	50	
John Madden, labor,	23	72	
Henry Morrow, labor,	2	72	
John Leary, labor,	39	08	
Carl Hoffman, labor,	58	14	
Amount carried forward,	$1177	98	

Appropriation, March 6th,		$4,000 00
Amount brought forward,	$1177 98	
Thomas Smith, labor,	42 00	
Hugh Malcomb, labor,	18 47	
Henry Provo, labor,	11 28	
John Buckley, labor,	23 72	
Thomas J. O'Brien, labor,	22 33	
Michael Cullen, labor,	24 91	
John Leonard, labor,	3 50	
William Gillespie, labor,	14 58	
Charles O'Hara, labor,	9 00	
J. A. Eaton, labor,	17 94	
John O'Collins, labor,	25 00	
George D. Ward, labor,	6 50	
Elwyn Teague, labor,	94 49	
William Wakeley, labor,	111 60	
William Caffrey, labor,	112 58	
George Davis, labor,	70 58	
Malachi Clinton, labor,	56 19	
George Madden, labor,	33 24	
William Leary, labor,	92 93	
Patrick Hodnett, labor,	79 91	
Samuel Levis, labor,	82 83	
J. H. Carter, labor,	111 22	
George H. Soule, engineer,	172 23	
Timothy Madden, labor,	107 28	
Timothy C. Sullivan, labor,	106 35	
Lewis Belisle, labor,	100 13	
Patrick Conway, labor,	75 24	
J. A. Lovejoy, labor,	131 55	
J. T. Lovejoy, labor,	126 31	
T. H. Lord, labor,	136 00	
S. K. Peterson, labor,	60 28	
Fred C. Way, labor,	35 77	
Amount carried forward,	$3293 92	

Appropriation, March 6th,		$4,000 00
Amount brought forward,	$3293 92	
Fred Lovejoy, labor,	12 25	
Frank McCuskar, labor,	102 66	
Joseph Bourdelais, labor,	112 50	
Daniel F. Harrington, labor,	106 50	
Clarence J. Way, labor,	106 25	
Robert A. Watson, labor,	113 00	
George L. Averill, labor,	103 00	
Fred Stark, labor,	25 50	
C. L. Bailey, labor,	36 00	
J. Warren Mooar, gravel,	5 02	
Total expenditure,		$4016 60
Overdrawn,		$16 60

Sidewalks.

Appropriation, March 6th, 1899,		$1500 00
Re-imbursed by abuttors, 1899,		750 03
		$2250 03
George L. Burnham, Supt., labor,	$ 40 50	
John Hart, labor,	1 56	
S. A. Lovejoy, labor,	60 00	
John Leary, labor,	33 25	
William Leary, labor,	33 25	
John Madden, labor,	17 50	
Samuel Lewis, labor,	28 00	
Michael Leary, labor,	8 75	
Henry Morrow, labor,	12 25	
Thomas Smith, labor,	30 72	
Patrick Hodnett, labor,	33 25	
John Collins, labor,	35 00	
Carl Hoffman, labor,	24 50	
Hiram Carter, labor,	15 75	
Jerry Leary, labor,	9 00	
Timothy Madden, labor,	17 50	
George H. Soule, concreting,	10 00	
John Henderson, gravel,	7 50	
M. O'Mahoney, blasting,	62 56	
Harry Provo, labor,	10 14	
John McCarthy, blasting,	26 50	
Bailey & Chase, concreting,	1277 91	
Henry W. Cunningham, concreting,	190 77	
John Buckley, labor,	19 25	
Elwyn Teague. labor,	19 25	
William Wakeley, labor,	19 25	
William Caffrey, labor,	19 25	
Hugh Malcomb, labor,	5 44	
Amount carried forward,	$2068 60	

Appropriation, March 6th,		$2,250 03
Amount brought forward,	$2068 60	
Timothy C. Sullivan, labor,	21 00	
Lewis Belisle, labor,	18 47	
William Gillespie, labor,	5 25	
T. H. Lord, labor,	16 00	
Frank McClusky, labor,	22 75	
Patrick Conway, labor,	21 00	
Michael Cullen, labor,	19 50	
Dennis Driscoll, labor,	1 00	
Thomas O'Brien, labor,	50	
William Ronan, labor,	4 00	
John Haggerty, labor,	13 50	
J. T. Lovejoy, salary,	38 46	
Total expenditure,		$2250 03

HIGHWAY SURVEYOR'S REPORT.

To the Selectmen of the Town of Andover—

GENTLEMEN: I herewith present my report on Highways and Bridges.

Work was commenced April 3rd. on Woburn Street. It was graded from Mr. Torr's to the house of Mr. T. Dennie Thomson.

Beginning where the macadam was left in 1896 on South Union street near the residence of Joshua Stott, we next macadamized 700 feet to the electric railroad track. There are 200 feet more to be done and then there will be a macadam road from the Shawsheen river to the Lawrence line on both streets.

We next gravelled the road from the Miller place in Frye village toward the West church as far as the house of George Cochran, and also from the fountain to the West church cemetery. Two culverts were re-laid here.

We then graded Whittier street from Summer street to Elm. Main street was gravelled from the Lowe place to the Square, and from School street to the end of the electric road. I macadamized Main street from Chestnut street, 765 feet south on the east side of the railroad track. Five hundred feet of macadam was laid near the Weld place.

Repairs have been made on Morton, School, Bartlet, Phillips, Essex, Central, Railroad, Salem, Summer, Marland, Lowell, Ridge, Mineral, Cuba streets and on Maple avenue.

Gutters have been cleaned out in every street in the Centre and in Ballardvale. Have tried to keep all the crossings clean around the square. A new Concrete crossing has been made across Bartlet street in front of Punchard School, for the school children.

In Ballardvale, repairs have been made on nearly every street. The iron bridge has been replanked and painted at a cost of $370. This I call cheap considering the beautiful carving.

Some repairs have been made in the Cape District and some in Scotland.

The road from the Carruth place to the Tewksbury line has been repaired using the road machine; also from Boynton's past the school-house to Tewksbury line, and from Main road to the school house road, and from Barnard's corner to the Drisko place. Much more would have been repaired with the machine if the dry weather had not prevented.

Eighteen culverts have been relaid, one of which cost $200.

Thirty two hundred feet of macadam have been made at Haggetts Pond, and 722 feet of railing put in place. Near the Chapman place, we put 424 feet of railing and 200 feet on River street in Ballardvale.

Two new streets have been built with macadam, Barnard street, 400 ft., and Avon street, 800 ft. On Barnard street the sidewalk was concreted, edgestones put in, and the gutter paved the entire length.

At the foot of the hill below Peter D. Smith's, we laid 300 feet of macadam road. Including the new streets, and the state highway, this makes the sum total of macadam road, 10625 feet, or a trifle more than two miles.

All the streets have been kept free from stones, and all the bushes were mowed except those in the south eastern part of the town. I was informed that the money was expended, or these would have been cut.

Repairs on sidewalks were made as follows: Trees were cut near the Wood's place and cleared away, and the sidewalks put in order for concrete. This cost nearly half the appropriation. The sidewalks have been repaired on Salem,

Summer, Phillips, Morton, Pearson streets. A new side walk was laid on Summer street from Welch's to the Collins' place. The following sidewalks have been concreted: the west side of High street, from the square to Harding street; Park street from Napier's to Whittier street; Morton street from Main to School street. Edgestones have been placed on the corners of each street where the concrete was laid.

A concrete gutter has been made from Daly's store to Pearson street. Concrete gutters have been repaired on Main and Pearson streets. In Ballardvale, we laid a concrete walk from John Dearborn's to the depot, and from F. G. Haynes' the entire length of High street.

All the concrete was put in by Bailey & Chase with the exception of Morton street. This was laid by Henry Cunningham as a sample walk.

The selectmen contracted for a half mile of state road, employing me to build the same. I built three quarters of a mile in seven weeks, and did not exceed the appropriation for the half mile. This was satisfactory and has been accepted by the state, and I think Mr. Goldsmith's report will show a balance for the town.

Earnings of Town Horses.

Those under my care.

Driven by

T. H. Lord,	204 days at $3	$612.00	
J. Haggerty,	210 days at $3	$630.00	

Those under care of selectmen.

Driven by

Frank Smith,	74 days at $3	$222.00	
Frank Morse,	79 days at $3	$237.00	
	Total earnings,	———	$1701.00

This does not include the time for sprinkling or for the fire department, or the time for removing snow in January and February of 1899. This last was under Mr. Chandler's direction.

Respectfully submitted,

JOSEPH T. LOVEJOY,

Highway Surveyor.

TOWN OFFICERS.

Appropriation, March 6th,		$5000 00
Clerk, Treasurer, Selectmen, Assessors, Overseers of Poor:		
A. Marland,	999 96	
George A. Parker,	400 00	
Wm. G. Goldsmith,	400 00	
Samuel H. Boutwell,	300 00	
John S. Stark,	300 00	
Registrars of Voters:		
Henry McLawlin,	25 00	
Joseph F. Cole,	24 00	
John Davey,	26 50	
A. Marland,	25 00	
Auditors of Accounts:		
G. A. Higgins,	10 00	
W. Byron Morse,	10 00	
Chas. B. Jenkins,	10 00	
Police:		
Geo. W. Mears,	720 00	
J. W. Mooar, night watchman,	600 00	
Wm. H. Sleath,	10 75	
John Fellows, jr.,	96 00	
James Holden,	2 00	
B. F. Upton,	1 25	
John L. Morrison,	6 50	
F. A. Swanton,	5 38	
W. H. Carter,	25 50	
M. T. Welch,	40 75	
Amount carried forward,	$4038 59	

Appropriation, March 6th,		$5,000 00
Amount brought forward,	$4038 59	
W. L. Frye,	35 75	
N. Jaquith, jr.,	34 50	
John H. Clinton,	10 25	
E. H. Shattuck,	24 75	
W. H. Goff,	6 25	
Herbert L. White,	9 75	
L. D. Pomeroy,	6 00	
Board of Health:		
Howell F. Wilson, 3 years,	100 00	
J. A. Leitch, M. D.,	50 00	
Election Officers:		
Geo. A. Higgins and 17 others,	82 00	
Owen F. Caffrey and 7 others,	32 00	
Town Gounsel:		
William Odlin,	100 00	
Moderator:		
Geo. H. Poor,	10 00	
Fire Wards:		
Geo. Boutwell,	13 50	
W. I. Morse and 6 others,	7 00	
Carl Hoffmann and 9 others,	5 75	
" " " " "	2 75	
" " " " "	2 75	
" " " 2 "	2 75	
" " " " "	1 00	
" " " 10 "	6 25	
" " " 9 "	5 50	
Amount carried forward,	$4587 09	

Appropriation, March 6th,		$5,000 00
Amount brought forward,	$4587 09	
" " " 10 "	3 00	
W. I. Morse and 9 others,	15 00	
Carl Hoffmann and 25 others,	39 00	
" " " 6 "	2 00	
George A. Mayer and 4 others,	20 00	
Carl Hoffmann " 8 "	15 00	
" " " 2 "	1 50	
Inspector of Milk, Etc.		
J. A. Leitch, M. D.,	50 00	
Total expenditure,		$4732 59
Balance Unexpended,		$267 41

Town House.

Appropriation, March 6th,		$1500 00
Robert Bell, janitor,	$330 00	
Hardy & Cole, labor and supplies,	149 60	
Henry McLawlin, supplies,	5 12	
Andover Electric Co., light,	175 60	
E. C. Pike, repairing steam pipe, etc.,	105 63	
A. W. Caldwell, painting,	4 50	
Burns & Crowley, mending two flags,	4 50	
Frank E. Dodge, plastering,	4 51	
Smith & Manning, supplies,	4 74	
Frank E. Gleason, coal,	226 71	
H. F. Chase, 5 keys,	1 25	
John Connolly, labor,	1 50	
P. F. Gilbert, drawings for plumbing,	5 00	
George Saunders, plumbing,	271 98	
Board of Public Works, entering sewer,	17 67	
John McCarthy, laying soil pipes,	28 55	
Wm. H. Welch & Co., labor and supplies,	2 43	
Dennis McCarthy, labor,	4 20	
E. J. Rowe, repairing desk,	12 00	
T. P. Harriman, furnace pipes,	1 50	
Thomas Ettridge, building fireproof vault,	36 00	
Anderson & Bowman, irons for vault,	1 20	
Board of Public Works, material for vault,	68 07	
E. E. Burnham Co., plaster for vault,	15 00	
Frank E. Dodge, labor on vault,	2 04	
A. W. Baker, 1 cord trash wood,	3 00	
American Express Co.,	75	
Arthur B. Curtis, repairing safe,	2 00	
John Schofield, labor,	1 75	
W. T. Jones, underpinning,	13 20	
Total expenditure,		$1500 00

Fire Department.

Appropriation, March 6th,		$2500 00
Hardy & Cole, repairs,	63 97	
Geo. A. Mayer, double harness, etc.,	63 60	
Andover Electric Co., light,	38 86	
Henry McLawlin. supplies,	29 31	
C. A. Morse, labor,	9 00	
Horace T. Neal, labor,	14 50	
F. G. Haynes & Co., supplies,	43	
Treat Hardware Co., side pulleys,	50	
Allan Simpson, engineer,	35 00	
Allan Simpson, labor,	7 25	
Andrew McTernen, engineer,	35 00	
Walter I. Morse, pay roll,	395 00	
Carl Hoffman, pay roll,	260 00	
Geo. D. Lawson, engineer and clerk,	50 00	
Lewis T. Hardy, chief,	100 00	
John Harnden, engineer,	125 00	
Wm. H. McTernen, janitor,	192 00	
John Haggerty, steward, etc.,	125 00	
Louis A. Dane, engineer,	35 00	
Wm. H. Higgins, teams,	6 00	
American Express Co.,	5 90	
E. C. Pike, labor and supplies,	82 84	
Harry A. Glazier, hangers, etc.,	25 50	
Thos. P. Harriman, labor and storage,	16 00	
Frank E. Gleason, coal and wood,	189 08	
C. N. Perkins & Co., supplies,	4 00	
The Andover Press, printing,	5 25	
Smith & Manning, supplies,	2 50	
Tuttle's Express,	7 68	
Greene & Woodlin, supplies,	9 81	
Fire Dep. Pub. Co., record books,	5 00	
Amount carried forward,	$1938 98	

Appropriation, March 6th,		$2,500 00
Amount brought forward,	$1938 98	
James Ward, jr., printing,	4 00	
Patrick Conway, labor,	1 75	
James Clinton, labor,	1 75	
A. Beauregard, labor and supplies,	23 00	
S. C. Walker, labor and supplies,	8 09	
Anderson & Bowman, repairs on truck,	1 10	
B. W. H. & Rubber Co., coats and hats,	94 50	
A. P. Richardson, team,	15 00	
Richard York, labor,	3 00	
E. H. Shattuck, labor,	2 00	
Walter F. French, team,	6 00	
B. F. Holt, pair of horses,	225 00	
J. A. Weider Harness and Collar Co., pair of collars,	36 00	
Thomas Platt, labor,	3 00	
Charles S. Hebbert, hose washer trough,	70 00	
Thomas A. Ellis, plumbing,	56 71	
John H. Leonard, stock and labor,	2 50	
Haseltine & Co., metal polish,	1 25	
American Fire Engine Co., grate, etc.	4 15	
Total expenditure,		$2497 78
Balance unexpended,		$2 22

Fire Alarm, Maintenance.

Appropriation, March 6th,		$300 00
American Electric Works, 862 lbs. blue vitriol,	$43 93	
Andover & Lawrence Express,	1 80	
W. E. Decrow, labor and supplies,	26 98	
Lawrence Electrical Supply Co., battery jars, etc.,	17 25	
Louis A. Dane, superintendent, etc.,	140 40	
Wm. H. Higgins, teams,	17 00	
Henry McLawlin, supplies,	3 54	
James Ward, jr., printing, etc.,	2 75	
Tuttle's Express,	30	
U. S. Fire and Police Tel. Co., inspecting fire alarm,	15 00	
Tuttle & Morrison, repairs,	1 20	
Ira Buxton, labor and supplies,	3 99	
Boston Woven Hose & Rubber Co., supplies,	20 67	
Tyer Rubber Co., supplies,	1 75	
American Express Co.,	35	
W. I. Morse, labor,	1 80	
Total expenditure,		$298 71
Balance unexpended,		$1 29

Park Commission.

Appropriation, March 6th,		$500 00
Charles P. Rea, loam and teaming,	$28 66	
Frank S. Valentine, 20 days, 1-2 hour,	34 98	
Wm. A. Davis, watering trees,	8 00	
B. W. Pitman, 21 days,	28 35	
F. B. Follansbee & Son, trees,	65 50	
Con. Sweeney, 1 day, 6 hours,	2 50	
Wm. Ronan, 5 days, 6 hours,	9 95	
Herbert L. White, 3 days, 7 1-2 hours,	5 75	
George Ash, 5 hours,	97	
Hardy & Cole, seats, etc.,	7 93	
Henry Provo, 19 days, 8 hours,	35 30	
Daniel Sullivan, 6 days,	10 50	
Wm. G. Goldsmith, 241 hours,	60 75	
Henry McLawlin, tools, etc.,	27 44	
Flint Symonds, 18 days, 1 hour,	31 70	
E. Jenkins, 9 1-2 days,	16 63	
James Bartrem, 26 days, 2 1-2 hours,	52 95	
James Duggan, 8 days, 2 1-2 hours,	14 50	
Daniel Carney, labor,	4 50	
Geo. A. Leighton, labor, etc.,	24 86	
Alex Morris, 8 days, 1 hour,	14 20	
Tuttle & Morrison, 2 hooks, etc.,	60	
Henry Gould & Son, labor,	1 00	
D. Donovan & Son, supplies,	11 61	
Total expenditure,		$499 13
Balance unexpended,		$ 87

Spring Grove Cemetery.

Appropriation, March 6th,		$300 00
Sale of lots, etc.,		561 50
		$861 50
Hardy & Cole, labor and stock,	$ 61 00	
W. H. Higgins, teams,	2 00	
M. J. Stack, labor,	11 60	
Philip Allicon, labor,	234 50	
T. Connell, labor,	143 50	
H. McLawlin, supplies,	12 23	
George W. Foster, deeds and recording,	21 75	
O. W. Vennard, superintendent, etc.,	127 75	
H. A. Hayward,	15 00	
Smith & Manning, fertilizer, etc.,	31 38	
E. Worthington, mounting plan,	8 00	
W. J. Jones, 9 marble markers,	9 00	
Frank Abbott, labor,	27 00	
R. B. White, oak frame,	3 50	
Geo. E. Hussey, stamp,	1 50	
Geo. D. Millett, plants,	12 60	
Briggs & Allyn Mfg. Co., glass in frame,	3 25	
Wm. Fairlee, labor,	87 50	
P. B. Follansbee, trees,	45 00	
Merrill & Gilbert, blue prints,	75	
Total expenditure,		$858 81
Balance unexpended,		$2 69

Hay Scales.

Appropriation, March 6th,		$50 00
Hardy & Cole, labor and stock,	$63 10	
J. M. Bean, services,	25 00	
Total expenditure,		$88 10
Overdrawn,		$38 10

Printing and Stationery.

Appropriation, March 6th,		$1000 00
George A. Parker, stamps,	$ 3 00	
George E. Hussey, town seal, etc.,	19 25	
Andover Press, printing,	807 15	
Henry M. Meek, Assessors' blanks,	8 00	
George A. Higgins & Co., supplies,	17 00	
A. W. Brownell, dog license blanks,	2 50	
Bufford Sons Engraving and Lith. Co. sewer bonds,	45 00	
S. J. Bucklin, sewer bids,	1 08	
Thos. Groom & Co., tax book,	2 13	
Arthur Bliss, P.M., stamped envelopes,	95 40	
Hunt & Co., 3 gross pens,	3 50	
F. J. Barnard & Co., books,	6 00	
Total expenditure,		$1010 01
Overdrawn,		$10 01

Care of Dump.

Appropriation, March 6th,		$50 00
Unexpended 1898,		34 50
		$84 50
Henry Provo, labor,	$16 50	
George Ash, labor,	1 17	
Albert Chadwick, labor,	12 40	
Total expenditure,		$30 07
Balance unexpended,		$54 43

Street Lighting.

Appropriation, March 6th,		$4150 00
W. H. Coleman, Treasurer,	$4118 16	
Total expenditure,		$4118 16
Balance unexpended,		$31 84

State Highway.

Received from State Treasurer,		$4264 57
T. H. Lord and others and town horses, labor,	$132 00	
Lock & Jones, stone,	20 00	
Henry McLawlin, tools, etc.,	44 58	
Hardy & Cole, lumber, cement, etc.,	12 79	
Henry E Gould and others and town horses, labor,	660 10	
Boston & Maine R. R., freight,	9 12	
Waldo Brothers, 58 ft. 24 in. pipe,	113 10	
Adams and Daw, crushing stone and use of steam drill,	1329 65	
John McCarthy, labor on culvert,	102 75	
Smith & Manning, oats,	20	
W. T. Jones, granite,	83 46	
Henry E. Gould and others and town horses, labor,	1054 51	
Henry E. Gould, 85 loads of stone,	17 00	
A. W. Baker, 9 cords of wood,	24 75	
A. W. Baker, 13 loads of stone,	2 60	
W. H. Carter, 303 loads of stone,	55 60	
John L. Hutchinson, 368 loads of stone,	73 60	
J. E. Pitman, fence, etc.,	91 35	
J. T. Lovejoy and others, labor,	240 29	
A. J. Wellington, 111 chestnut posts,	27 75	
Frank E. Dodge, 2 bbls. cement,	3 00	
Treat Hardware & Supply Co., 60 ft. 12 in. pipe,	15 30	
Smith & Manning, grass seed,	1 36	
Fred A. Gould and others, labor,	14 89	
L. Burnham and 9 others, labor,	66 73	
Total expenditure,		$4196 48
Balance unexpended,		$68 09

New Street South of Town House.

(BARNARD ROAD.)

J. W. Barnard's checks.		$2050 00
F. M. Smith and 24 others and town horses, labor,	$160 22	
John McCarthy, paving and setting curbstones,	74 70	
Wm. Gillespie and 10 others and town horses, labor,	64 97	
Wm. G. Goldsmith, curbstones,	28 00	
Henry McLawlin, tools, etc.,	9 63	
W. J. Jones, curbstones,	120 17	
Hardy & Cole, lumber, etc.,	3 61	
James H. Smith's heirs, land damages, etc.,	620 50	
Bailey & Chase, concreting,	84 20	
F. M. Smith and 19 others and town horses, labor,	192 91	
Total expenditure on street,		$1358 91
Balance paid to Engine Co. No. 1, extension,		$691 09

Balance paid on account of Engine Co. No. 1 extension as follows:		$691 09
Hardy & Cole, balance due on account on contract for $4975.00,	$275 00	
Hardy & Cole, labor and stock,	145 12	
Henry McLawlin, hardware, etc.,	122 90	
Erwin C. Pike, smoke stack, steam pipes, labor, etc.,	71 68	
Geo. Saunders, plumbing,	76 39	
Total Expenditure,		$691 09

Memorial Day.

Appropriation, March 6th,		$200 00
B. Cummings, Quartermaster, Post 99, G.A.R.,		200 00

Insurance Account.

Appropriation, March 6th,		$600 00
Joseph A Smart, agent,	$536 08	
Merrimack Mutual Fire Insurance Co.,	20 00	
Total paid,		$556 08
Balance unexpended,		$43 92

New Fire Alarm Box.

Appropriation, March 6th,		$140 00
Louis A. Dane,	$ 4 40	
U.S. Fire & Police Tel. Co., alarm box, etc.,	135 00	
Total Expenditure,		$139 40
Balance unexpended,		$ 60

New Street, Summer Street to Chestnut Street.

Appropriation, March 6th,		$800 00
F. M. Smith and 9 others and town horses, labor,	$104 00	
F. M. Smith and others and town horses, labor,	465 42	
F. M. Smith and 24 others and town horses, labor,	164 93	
Total expenditure,		$734 35
Balance unexpended,		$65 65

Engine House No. 1 Extension.

Appropriation, March 6th,		$5000 00
Hardy & Cole on contract for $4975,	$4700 00	
Town of Andover, entering sewer,	18 22	
Henry McLawlin, sanitary floors,	102 80	
Merrill & Gilbert, plans, etc.,	124 00	
George Saunders, plumbing,	54 98	
Total expenditure,		$5000 00

Public Park (Richardson Field, etc.)

Appropriation, March 6th,		$9500 00
J. Warren Berry, land as per deed,	$1000 00	
The Richardson heirs, land as per deed,	8500 00	
Total expenditure,		$9500 00

Storage Yard.

Appropriation, March 6th,		$3000 00
Geo. A. Parker, Town Treasurer,	$3000 00	
Transferred to Board of Public Works,		$3000 00

Sinking Fund.

Appropriation, March 6th,	$1050 00
Geo. A. Parker, Town Treasurer,	1050 00

Maintenance, Board of Public Works.

Appropriation, March 6th,	$5000 00
George A. Parker, Town Treasurer,	5000 00

Redemption of Bonds.

Appropriation, Voted Oct. 21, 1899,		$5000 00
George A. Parker, Town Treasurer,	$5000 00	
Total expenditure,		$5000 00

Abatement of Taxes.

Appropriation, March 6th,		$2000 00
S. F. E. Company, No. 1, poll-taxes,	$ 34 00	
S. F. E. Company, No. 2, poll-taxes,	20 00	
Geo. A. Parker, Town Treasurer,	1552 07	
Total expenditure,		$1606 07
Balance unexpended,		$393 93

State Tax

Appropriation, March 6th,	$4000 00
E. P. Shaw, State Treasurer,	3780 50
Balance unexpended,	$219 50

County Tax.

Appropriation, March 6th,	$5000 00
E. K. Jenkins, County Treasurer,	4193 60
Balance unexpended,	$806 40

Dog Tax.

Received from County Treasurer,	$588 87
Frederic S. Boutwell, Treas. Memorial Hall,	588 87

Interest on Bonds, Funds and Notes.

Appropriation, March 6th,		$10000 00
Andover National Bank,	$1519 55	
Memorial Hall Notes,	1400 00	
Andover Water Bonds,	9666 66	
N. Jaquith,	484 78	
Total paid,		$13070 99
Overdrawn,		$3070 99

Notes Paid.

1899, Apr. 21,	No. 81,	$18000 00
1900, Jan. 8,	No. 82,	3000 00
	No. 83,	4000 00
	No. 84,	4500 00
	No. 85,	18000 00
	No. 86,	8500 00
	No. 87,	2400 00
	No. 89,	8000 00
	No. 90,	8000 00
	No. 91,	4000 00
	No. 92,	8000 00
	No. 93,	8000 00
	No. 94,	4000 00
	No. 95,	18000 00
	No. 51,	4000 00
	No. 52,	5000 00
Total,		$125400 00

Notes Given.

1899, Feb. 6,	No. 82, Paid	$ 3000 00
Mar. 13,	No. 83, Paid	4000 00
Apr. 10,	No. 84, Paid	4500 00
Apr. 19,	No. 85, Paid	18000 00
May 8,	No. 86, Paid	8500 00
May 26,	No. 87, Paid	2400 00
June 12,	No. 88, Storage Yard Loan, due in 1900.	3000 00
June 12,	No. 89, Paid	8000 00
July 1,	No. 90, Paid	8000 00
Aug. 14,	No. 91, Paid	4000 00
Nov. 13,	No. 92, Paid	8000 00
Amount carried forward,		$71400 00

Amount brought forward,		$71400 00
Nov. 13,	No. 93, Paid	8000 00
Nov. 13,	No. 94, Paid	4000 00
Nov. 13,	No. 95, Paid	18000 00
1900, Jan. 8,	No. 96, Due in 1900	9000 00
Jan. 9,	No. 97, Due in 1900	23000 00
Jan. 9,	No. 98, Park Loan, due in 1900,	1700 00
Jan. 9,	No. 99, Park Loan, due in 1901,	1700 00
Jan. 9,	No. 100. Park Loan, due in 1902,	1700 00
Jan. 9,	No. 101, Park Loan, due in 1903,	1700 00
Jan. 9,	No. 102, Park Loan, due in 1904,	1700 00
Total,		$141900 00

NOTE—Also two Memorial Hall Notes are held against the town, one dated May 3, 1871, for $20000, one dated May 5, 1890, for $5000.

State Aid,

Appropriation, March 6th,		$1600 00
Robert Bell,	$48 00	
Lucy M. Buxton,	24 00	
Elizabeth R. Carter,	48 00	
Benjamin Cheever,	18 00	
Betsey J. Cheever,	48 00	
Samuel Cheever,	48 00	
Malachi Clinton,	48 00	
Ellen Craig,	48 00	
Deborah M. Cushing,	28 00	
Sarah M. Clark,	36 00	
Elmore Dane,	54 00	
Augustus M. Davis,	48 00	
Rhoda Davis,	48 00	
Marian Davis,	48 00	
John S. Dearborn,	12 00	
Amount carried forward,	$604 00	

Appropriation March 7th,		$1600 00
Amount brought forward,	$604 00	
Theodore A. Gibbs,	60 00	
Phoebe Greene,	48 00	
William S. Hodgman,	72 00	
Martha M. Hovey,	36 00	
Ann Hunter,	48 00	
Susan M. Holt,	42 00	
Olive J. Holt,	32 00	
Lizzie A. Johnson,	48 00	
John McKenzie,	48 00	
Bridget McCullough,	48 00	
Sarah McGunness,	48 00	
James McDonald,	48 00	
John McCarthy,	48 00	
Sarah Mears,	48 00	
John P. Morgan.	28 00	
Margaret Morrow,	48 00	
William B. Morse.	32 00	
Charles A. Orcutt,	60 00	
Bridget Pasho,	48 00	
George W. Parker,	4 00	
Edward D. Pearson,	48 00	
George E. Pike,	48 00	
Joseph Russell,	4 00	
Martha Russell,	48 00	
Etta Simonds,	48 00	
Henry Shaw,	12 00	
Nancy M. Travis,	48 00	
Total expenditure.		1754 00
Overdrawn,		$154 00

The State Aid is paid to disabled soldiers — (and their wives) — and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

State Aid, War with Spain,

Appropriation, March 6th,		$600 00
Elizabeth B. Henderson,	$16 00	
George Henderson,	16 00	
William Henderson,	16 00	
Jemima A. Henderson,	16 00	
John M. Henderson,	16 00	
Bertha W. Henderson,	16 00	
Nellie W. Smith,	16 00	
Donald Smith,	16 00	
Harold Smith,	16 00	
Total expenditure,		$144 00
Balance unexpended,		$456 00

Military Aid,

Appropriation, March 6th,		$300 00
Joseph G. Nolan,	$96 00	
Charles D. Woodbury,	96 00	
Nathan H. Gray,	40 00	
Total expenditure,		$232 00
Balance unexpended,		$ 68 00

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One-half of the amount is repaid to the Town by the State.

Miscellaneous.

Appropriation, March 6th,		$1500 00
W. H. Higgins, teams,	$118 50	
Ira B. Hill, teams,	47 50	
Joseph P. Nolan, inspecting plumbing,	133 00	
George M. Lindsay, inspecting plumbing,	14 00	
J. F. Richards, M.D., returning births,	3 75	
C. W. Scott, M.D., returning births,	6 00	
E. C. Conroy, M.D., returning births,	6 00	
C. H. Shattuck, M.D., returning births,	2 00	
Charles E. Abbott, M.D., vaccinating school children, etc.,	33 00	
Wm. Reed & Sons, handcuffs, etc.,	43 88	
City of Fitchburg, assessors' stock list,	1 57	
A. Bliss, telephone,	3 65	
Board of Public Works, telephone,	11 25	
A. Bliss, supplies for Board of Health,	13 45	
Hardy & Cole, labor for Board of Health,	50	
Fred Way, damages.	5 00	
Arthur B. Curtis, vault doors,	160 00	
Boston & Maine R. R., freight,	2 79	
Barnett Rogers, teller,	3 00	
Fred A. Andrews, distributing yes and no votes,	2 00	
J. E. Pitman, repairs on old schoolhouse, Ballardvale,	11 98	
A. J. Shaw, repairs on old schoolhouse, Ballardvale,	3 75	
H. McLawlin, repairs on old schoolhouse, Ballardvale,	8 40	
E. C. Pike, repairs on old schoolhouse, Ballardvale, etc.,	1 55	
John A. Riley, repairs on old schoolhouse, Ballardvale, etc.,	11 58	
Amount carried forward,	$648 10	

Appropriation, March 6th,		$1500 00
Amount brought forward,	$648 10	
S. H. Boutwell, railroad fares,	4 62	
Wm. Odlin, expenses,	19 64	
Geo. L. Burnham, Supt., pair horses,	250 00	
Geo. W. Foster, services,	75	
O. Chapman, meals,	4 80	
Andover & Lawrence express,	1 00	
John S. Dearborn, conveying prisoner,	1 50	
Boston Daily Advertiser, advertising,	12 00	
C. H. Newton, cattle inspector,	250 00	
American Express Co.,	1 10	
John Kimball, agent, 50 ride tickets,	17 25	
John S. Stark, expenses,	50	
Tuttle's Express,	45	
Albert W. Lowe, medicine,	35	
A. Marland, express, postage, etc.,	26 47	
Rockwell & Churchill, printing brief, etc.,	17 25	
Total expenditure,		$1255 78
Balance unexpended,		$244 22

SCHEDULE OF TOWN PROPERTY.

Town House, fixtures, and furniture,	$22000 00
Land,	4000 00
School-house property,	114500 00
Punchard School Fund,	75200 00
Memorial Hall and Land,	28500 00
Memorial Hall, permanent Fund,	20000 00
Memorial Hall Library, John Byers Fund,	5000 00
Memorial Hall Library and Furniture,	9000 00
Town Farm and buildings,	12000 00
Personal property at Town Farm,	3685 00
Two Engine-houses and Shed,	16000 00
One Steam Fire-engine and apparatus,	2000 00
One Hand-engine and apparatus,	200 00
Two Hook and Ladder Trucks,	1650 00
Three Hose Wagons,	800 00
Five Horses and Harnesses,	500 00
Stone Breakers and Engine,	3200 00
Carts, Harnesses, and Tools,	500 00
Waterworks Property,	203000 00
Indian Ridge Land,	4000 00
Spring Grove Cemetery and Receiving Tomb,	7000 00
Hay Scales,	350 00
Safe in Town House,	450 00
Weights and measures,	325 00
Total,	$533,860 00

Summary of Appropriations and Receipts.

Abatement of Taxes,	$ 2000 00
County Tax,	5000 00
Fire Alarm,	300 00
Fire Department, Running Expenses,	2500 00
Hay Scales,	50 00
Highways and Bridges, Repairs on	4000 00
Horses and Drivers,	3000 00
Insurance,	600 00
Interest on Notes, Funds, and Bonds,	10000 00
Macadamized Roads,	4000 00
Memorial Day,	200 00
Military Aid,	300 00
Miscellaneous,	1500 00
Park Commission,	500 00
Printing and Stationery,	1000 00
Public Dump,	84 50
Redemption of Bonds,	5000 00
Removing Snow,	3500 00
Schools,	21000 00
School-Books and Supplies,	1600 00
School-Houses,	2500 00
Sidewalks,	1500 00
Sinking Fund,	1050 00
Spring Grove Cemetery,	861 50
State Aid,	1600 00
State Aid—War with Spain,	600 00
State Highway Contract,	4264 57
State Tax,	4000 00
Street Lighting,	4150 00
Town House,	1500 00
Town Officers,	5000 00
Public Works Maintenance,	5000 00
New Fire Alarm Box,	140 00
New Street, Summer St. to Chestnut St.,	800 00
Engine House No. 1 Extension,	5000 00
Public Park,	9500 00
Storage Yard,	3000 00

Summary of Selectmen's Orders.

Abatement of Taxes,	$ 1606 07
County Tax,	4193 60
Fire Alarm,	298 71
Fire Department,	2497 78
Hay Scales,	88 10
Highways and Bridges,	5895 76
Horses and Drivers,	3465 62
Insurance,	556 08
Interest on Notes, Funds and Bonds,	13070 99
Macadamized Roads,	4000 00
Memorial Day,	200 00
Military Aid,	232 00
Miscellaneous,	1255 78
Park Commission,	499 13
Printing and Stationery,	1010 01
Public Dump,	30 07
Redemption of Bonds,	5000 00
Removing Snow,	2687 78
Schools,	21007 34
School-books and School supplies,	1542 58
School-houses,	2499 25
Sidewalks,	2250 00
Sinking Fund,	1050 00
Spring Grove Cemetery,	858 81
State Aid,	1754 00
State Aid—War with Spain,	144 00
State Highway Contract,	4196 48
State Tax,	3780 50
Street Lighting,	4118 16
Town House,	1500 00
Town Officers,	4732 59
Public Works, Maintenance,	5000 00
New Fire Alarm Box,	139 40
New Street, Summer St. to Chestnut St.,	734 35
Engine House No. 1 Extension,	5000 00
Public Park,	9500 00
Storage Yard,	3000 00
Memorial Hall, Dog Tax,	558 87

OVERSEERS OF POOR.

We consider ourselves fortunate in still retaining the services of Mr. and Mrs. Burnham; the house is a model of neatness. Quite a large proportion of the inmates are old people who require considerable attention, and Mrs. Burnham seems specially adapted to care for the old ladies under her charge. Those unfortunate people seem happy and contented and look upon Mrs. Burnham as their best friend.

The management of the farm under Mr. Burnham continues to show a marked improvement. The receipts from the farm the past year were $3,159.61. The report of the State Inspector classes the management and care of the inmates one of the best in the state.

We would invite the people of the town, both men and women, to visit the Almshouse and note its condition and the provision made for the care and comfort of the inmates.

Almshouse Expenses.

Appropriation, March 6th, 1899,		$4000 00
Charles A. Jameson, killing hogs,	$ 3 25	
Valpey Bros., provisions,	234 87	
George L. Burnham, superintendent,	700 00	
Smith & Manning, groceries,	642 94	
Daniel A. Carleton, cows,	63 00	
L. H. Eames, provisions,	44 38	
T. J. Farmer, fish,	69 02	
E. W. Pierce, grain,	538 18	
F. A. Warren, clothing,	16 17	
C. W. Scott, M. D., services,	1 50	
E. M. & W. A. Allen, medicine,	2 10	
J. P. Wakefield, provisions,	210 59	
J. H. Campion & Co., groceries,	13 96	
Amount carried forward,	$2539 96	

Appropriation, March 6th,		$4,000 00
Amount brought forward,	$2539 96	
T. A. Holt & Co., groceries,	607 94	
Henry McLawlin, hardware,	90 58	
G. A. Mayer, harness repairs,	3 25	
F. E. Gleason, coal and straw,	192 78	
Anderson & Bowman, blacksmith work,	32 00	
J. W. Barnard & Son, shoes,	7 05	
T. P. Harriman, blacksmith work,	10 55	
J. E. Whiting, clock repairs,	3 25	
Beach Soap Co., soap,	14 00	
F. P. Higgins, bread,	25 59	
A. P. Richardson, use of horse,	3 50	
Boston & Maine R. R., freight,	2 35	
James F. Conlow, labor,	69 00	
James F. Hurney, labor,	258 00	
Nora Bowler, labor,	238 50	
Geo. Louis Burnham, labor,	85 00	
F. Putnam & Co., potatoes,	36 35	
R. & J. Farquhar & Co., seed,	12 35	
George A. Rea, cedar posts,	6 00	
Hardy & Cole, labor and stock,	107 23	
M. E. Austin & Co., hardware,	1 58	
George L. Averill, fertilizer,	16 50	
S. H. Boutwell, cabbage and tomato plants,	9 00	
C. W. Lerned & Co., disinfectant,	12 50	
George S. Fuller, M. D. V., services,	18 00	
Tuttle's Express, express,	2 00	
Henry P. Noyes, furniture,	14 05	
Tuttle & Morrison, carriage work,	36 75	
Reid & Hughes, dry goods,	104 90	
D. F. Donovan, Agent, cow,	30 00	
Lawrence Rubber Co., rubbers,	3 69	
John E. Hutchinson, fish,	10 30	
Amount carried forward,	$4604 50	

Appropriation, March 6th,		$4,000 00
Amount brought forward,	$4604 50	
Benjamin Brown, shoes,	23 15	
Erwin C. Pike, supplies,	22 56	
H. F. Chase, supplies,	2 35	
C. A. Hill & Co., speaking tube,	1 75	
New Eng. Tel. & Tel. Co., use of telephone,	12 28	
N. H. Shattuck, harness work,	1 25	
Andover Waterworks, water,	21 80	
B. F. Holt, ice,	50 85	
Ira Buxton, supplies,	3 50	
Barnett Rogers, Agent, rent of pasture,	15 00	
G. H. Kittredge, crockery,	3 39	
Arthur Bliss, medicine,	44 30	
John W. Flemings, cows,	97 50	
Albert A. Hardy, pigs,	14 00	
Jerry O. Leary, manure,	34 24	
Mollie Spofford, sewing,	24 75	
M. P. Burnham, labor,	15 00	
Frank Valentine, labor,	33 35	
Mrs. A. M. Woodbridge, plants,	4 00	
Thomas Ross, labor,	36 00	
Total expenditure,		$5065 52
Overdrawn,		$1065 52

Repairs on Almshouse.

Appropriation, March 6th, 1899,		$300 00
Henry McLawlin, hardware,	$ 64 56	
E. Pike, labor and stock,	22 34	
M. T. Walsh, labor and stock,	15 47	
Hardy & Cole, labor and stock,	186 51	
Wm. H. Welch & Co., labor and stock,	5 25	
N. H. Shattuck, repairs,	3 00	
Total expenditure,		$297 13
Balance unexpended,		$2 87

Relief out of Almshouse.

Appropriation, March 6th, 1899.		$6000 00
Eliza Abercrombie,	$ 45 00	
Ann Aherne,	49 00	
Augenet Anderson,	100 00	
Jessie Baxter,	80 00	
Henry Beverstock,	55 00	
Henry Burns,	36 80	
Walter Bailey,	130 07	
Julia Cotter,	30 75	
Mrs. Campbell,	6 50	
Ellen Connors,	157 50	
Mary Comber,	182 35	
Dennis J. Carey,	170 79	
Hannah Connelly,	22 50	
Jane Cronin,	120 00	
Samuel O. Cheever,	73 52	
Robertina Crockett's family,	72 00	
Dennis P. Driscoll,	6 50	
F. A. Dinsmore's family,	14 50	
Eliza Fleming,	99 51	
Mary Fenlason,	48 00	
John Green,	28 00	
Mrs. Holland,	143 08	
Joseph Hird,	35 33	
Hannah Hayes,	56 00	
Patrick Hogan,	24 14	
A. F. Hammond,	6 00	
John D. Lynch,	100 00	
Mary Lord,	163 75	
Mrs. McCready,	155 75	
Elizabeth McGovern,	64 00	
Rose Morrison,	46 95	
Amount carried forward,		$2323 29

Appropriation, March 6th,		$6,000 00
Amount brought forward,	$2323 29	
Edward Murphy,	6 50	
Mary Marland,	40 00	
Mrs. Wm. B. Osgood,	78 00	
Annie Qualey's child,	96 00	
Alexander Ross,	13 00	
Kate Rogers,	186 05	
Charles Smith,	14 00	
Michael Troy,	23 00	
Inez Thorning,	36 00	
Annie Warden,	48 00	
Mrs. Thomas Wilkie,	103 79	
Fannie White,	19 50	
G. F. Wilson,	1 00	
Dr. C. E. Abbott, town physician,	204 00	
Expense visiting paupers and looking up pauper settlements,	70 15	
Mrs. F. A. Andrews, services and expenses,	15 00	
Mary Devitt, lodging and feeding paupers,	3 00	
		$3280 28

Soldiers' Relief.

Mrs. Lucy M. Buxton,	$ 72 00
Mrs. George Craig,	80 00
Benjamin Cheever and family,	215 35
Mrs. Elizabeth R. Carter,	82 50
Elmore Dane,	108 00
John Henderson,	67 70
George Henderson,	106 65
William Hodgman,	65 93
Amount carried forward,	$798 13

Appropriation, March 7th,			$6000 00
Amounts brought forward,	$798 13	$3280 28	
Mrs. Martha M. Hovey,	224 10		
Mrs. Jane Lindsay,	172 89		
Mrs. L. M. Mason,	65 00		
George E. Pike,	220 00		
Mrs. Martha Russell,	4 00		
Mrs. Mary Russell,	48 00		
Mrs. Etta Simonds,	26 00		
Mrs. Emma Shattuck,	140 10		
		$1698 22	

Amount Due from Commonwealth.

Peter Dugan,	$20 50	
Nisham Geyikian,	12 00	
Bernard Sweeney,	9 40	
Fred Wells,	25 50	
		$67 40

Amount Due from Cities and Towns.

Lowell, John McGinley,	$ 18 00	
Tewksbury, Charles A. Orcutt,	96 00	
No. Andover, Mrs. Harrington,	20 00	
North Andover, Ann Shanahan,	131 05	
Boston, Mrs. Johanna O'Hara,	74 00	
Lawrence, Thomas White,	14 05	
Ashfield, Mrs. Emma D. Spath,	25 00	
		$378 10

Paid Cities and Towns.

Lowell, John F. Dorsey,	$ 4 95	
No. Andover, Edward Hannon,	118 24	
Danvers, John O. Holt,	15 00	
Middleborough, Joseph Lord,	10 37	
Medford, John T. Shaw,	30 47	
Woburn, Mrs. B. F. Upton,	4 00	
		$183 03
Amount carried forward,		$5607 03

Appropriation, March 6th, 1899,			$6,000 00
Amount brought forward,		$5607 03	

Paid Cities and Towns. Soldiers' Relief.

Rockland, Sariah D. Noland,	60 00		
		$60 00	

Lunatic Hospitals.

Danvers, Bridget Dwane,	$169 46		
Danvers, John Daley,	169 48		
Danvers, Bridget Hayes,	169 46		
Danvers, Olga Mayer,	169 46		
Danvers, Albert Mayer,	15 32		
Danvers, Mary O'Connor,	169 47		
Danvers, William B. Osgood,	169 46		
Danvers, Mary Riley,	174 37		
Medfield, Henry Smith,	60 92		
Medfield, George F. Stevens,	146 00		
Medfield, Charles L. Holt,	146 00		
State Farm, Wm. Driscoll,	109 20		
Worcester, Nathan Webster,	131 20		
State Almshouse, Nathan Webster,	4 00		
		$1803 80	
Total expenditure,			$7470 83
Overdrawn,			$1470 83

Respectfully submitted,

WM. G. GOLDSMITH,
SAM'L H. BOUTWELL,
JOHN S. STARK,
Overseers of Poor.

SUPERINTENDENT'S REPORT.

Almshouse.

Whole number of paupers in Almshouse during year,	28
Whole number of weeks board,	1307
Average weekly expense for each inmate, first deducting the amount sold from the farm, the expense of the Almshouse, was	$1.69
Whole number of tramps,	15

Remaining in Almshouse.

Between eighty and ninety,	4
Between seventy and eighty,	5
Between sixty and seventy,	4
Between fifty and sixty,	3
Between forty and fifty,	6
Between thirty and forty,	0
Between twenty and thirty,	2
Between ten and twenty,	1
Between one and ten,	1
Total,	26
Number at beginning of the year,	28
Number admitted,	4
Number discharged,	4
Number died,	2

Personal Property at the Almshouse.

Household furniture,	$1100 00
Clothing,	500 00
Farm stock,	685 00
Farm tools,	675 00
Farm produce,	500 00
Fuel,	150 00
Provisions,	75 00
Total,	$3685 00

Superintendent's Farm Account.

Dr.

To cash received for	
Hay,	88 72
Labor,	537 71
Board,	92 00
Vegetables,	418 29
Milk,	1624 33
Pigs,	6 00
Eggs and Poultry,	53 06
Wood,	50 25
Stone and gravel,	4 25
Horse,	35 00
One pair horses,	250 00
Total,	$3159 61

Cr.

By cash paid Town Treasurer,	$3159 61

The running expenses of the Town Farm will be about the same as last year.

GEORGE L. BURNHAM, Supt.

Andover, Mass., Jan. 12, 1900.

FIRE DEPARTMENT.

REPORT OF CHIEF ENGINEER.

To the Board of Selectmen:

Gentlemen,— In compliance with the regulations of the Fire Department, I submit the following report:

The force consists of five Engineers, eighteen members of Steamer Co. No. 1, and Hook and Ladder Truck, and ten members of the J. P. Bradlee Co. No. 1.

The apparatus consists of one third-class steam fire engine, two two-horse hose wagons, one one-horse hose wagon, two hook and ladder trucks. There are about five thousand feet of hose in good condition.

There have been sixteen bell and three still alarms of fire the past year:

1899.

Apr. 16. Shed, Patrick Donovan.
Value, $100; Loss, $10.

Apr. 18. Brush fire.

Apr. 29. House, Trustees P. A.
Value, $4000; Loss, $50; Insurance, $3200.

Apr. 30. House, Bennett Ives.
Value, $5500; Loss, $5000; Insurance, $4500.

May 21. House, John Lawson.
Value, $1650; Loss, $40; Insurance, $1000.

May 12. Shed, W. M. Wood.
Value, $500; Loss, $50.

May 12. Brush fire.

July 18. House, W. S. Jenkins.
Value, $1500; Loss, $40; Insurance, $1200.

Aug. 8. Dance hall, B. & M. R. R.
Value, $3000; Loss, $3000.

Aug. 18. Coal shed, F. E. Gleason.

Aug. 26. House and barn, Mrs. J. M. Waldo.
Value, $2000; Loss, $2000; Insurance, $900.

Aug. 29. House and stables, Trustees P. A.
Value, $8000; Loss, $2443; Insurance, $5500.

Oct. 19. House and store, J. W. Barnard.
Value, $6000; No loss; Insurance, $5000.

Nov. 21. House, J. J. Donovan.
Value, $1500; Loss, $200: Insurance, $1200.

Dec. 11. Picker room, M. T. Stevens & Sons.
Value, $5000; Loss, $275; Insurace, B. Policy.

Dec. 11. House, Alex Dear.
Value, $1200; No loss; Insurance, $1000.

Schedule of Property.

Two Engine-houses and shed,	$16000 00
One Steam fire-engine and apparatus,	2000 00
Five horses and harnesses,	500 00
One ladder truck,	250 00
One ladder truck,	1400 00
Three hose wagons,	800 00
Hand engine,	200 00
Total,	$21150 00

I recommend an appropriation of $3000 for the running expenses of the ensuing year, $500 for new hose and $300 for care of fire alarm.

I also recommend the purchase of a new steam fire engine.

Respectfully submitted,

LEWIS T. HARDY,

Chief Engineer.

POLICE DEPARTMENT.

REPORT OF CHIEF OF POLICE.

To the Board of Selectmen:

Gentlemen, — In compliance with the regulation of the Police Department, I submit my annual report.

Arrests.

The whole number of arrests for the year has been forty-four (44) for the following causes:

Assault and Battery,	1	
Assault,	6	
Disturbing the peace,	5	
Drunkenness,	8	
For out-of-town officers,	6	
Insane,	6	
Keeping Un-licensed Dog,	1	
Larceny,	1	
Malicious Mischief,	1	
Safe Keeping,	6	
Violation of Town By-Laws,	2	
Violation of Lord's Day,	1	
Whole number of arrests,	—	44

Disposal of cases:

Committed to Lawrence Jail,	6
Committed to Danvers Insane Asylum,	2
Committed to Tewksbury Almshouse,	5
Discharged at court,	4
Fines paid,	21
Prisoners turned over to out of town officers,	6

Miscellaneous.

Burglaries reported,	5
Value of property reported stolen,	$300 00
Value of property recovered,	125 00
Value of equipments in the hands of Police,	125 00
Amount of fines paid to Town Treasurer,	232 10
Persons locked up,	31

There have been only forty-eight (48) tramps put up this year in place of twenty-five hundred (2500) or more some five years ago, and about all that now come are taken care of at the Police Station and very few are sent to the Town Farm.

Respectfully submitted,

GEORGE W. MEARS,

Chief of Police.

CEMETERY COMMITTEE

The Trustees of Spring Grove Cemetery herewith submit their annual report with statement of receipts and expenditures for the year ending January 1, 1900.

A new plot of about twelve acres connected with the older portion of the cemetery has been plotted for burial purposes and much work performed to prepare the same for the sale of lots.

It is thought best, by your committee, that many of the lots, in the newly plotted grounds, be sold for such an amount as shall provide for the perpetual care of said lots, the increased amount to be held by the treasurer of the town in accordance with Chap. 186, Acts and Resolves of 1884. The walks and drives have been well cared for and the newer grounds cleared of debris. The plan of this part of the cemetery is well arranged for the purposes intended for its use, and in the years to come Andover will become possessed of a cemetery that for natural beauty and artificial adornment will be a credit to the town. Your committee would recommend the usual appropriation of $300 and the proceeds from sale of lots, for the care of the cemetery for the coming year.

WM. S. JENKINS,
JAMES P. BUTTERFIELD,
JOHN L. SMITH,
GEORGE W. FOSTER,
F. G. HAYNES,
CHARLES GREENE,
OLIVER VENNARD,

Cemetery Committee.

ANDOVER, Feb. 15, 1900.

Cemetery Report.

Appropriation, March 6th,	$300 00	
Sale of lots,	561 50	
		$861 50
Smith & Manning, supplies,	$ 31 38	
Philip Allicon, labor,	234 50	
Frank Abbott, labor,	27 00	
T. Connell, labor,	143 50	
Wm. Fairlee, labor,	87 50	
Roswell B. White, frame for plan,	3 50	
W. H. Higgins, team,	2 00	
George Hussey, rubber stamp,	1 50	
E. Worthington, labor on plan,	8 00	
Geo. D. Millett, plants and shrubs,	12 60	
Briggs & Allen, glass for plan,	3 25	
P. Follansbee, trees,	45 00	
Michael Stack, labor and team,	11 60	
Merrill & Gilbert, blue prints,	75	
George W. Foster, deeds,	21 75	
Henry McLawlin, supplies,	12 23	
W. J. Jones, marks for single graves,	9 00	
Henry A. Hayward, gravel and turf,	15 00	
Hardy & Cole, building shed and shingling,	61 00	
O. W. Vennard, Supt., labor and teams,	127 75	
Total expenditure,		$858 81
Balance unexpended,		$2 69
Received from Town as per last Report,		$12211 02
Received from Town this year,		300 00
Received from sale of lots, wood, etc.,		7814 67
		$20325 69
Less amount paid Town Treasurer, proceeds of sale of standing wood in previous years,		1221 90
		$19103 79

Cost of Land,	$ 3000 00		
Cost of Improvements as per last Report,	15242 29		
Cost of Improvements this year,	858 81		
	$19101 10		
Balance unexpended,	2 69		
		$19103 79	
Lots sold as per last report,	255		
Lots sold this year,	20		
			275
Whole number of single graves sold,			47
Interments as per last Report,		561	
Interments this year,		33	
Whole number of interments,			594

Respectfully submitted,

O. W. VENNARD,

Superintendent.

Andover, February 2, 1900.

CORNELL FUND.

Amount of Fund,		$5000 00
Deposited in Savings Bank,		5000 00
Cash on hand, 1899,	$ 71	
Dividends, 1899,	200 00	
		$200 71
Amount expended,	$177 27	
Cash on hand,	23 44	
		$200 71

FRANK E. GLEASON,
JOSEPH A. SMART,
CHARLES GREENE, } *Trustees.*

ANDOVER, MASS., February, 1900.

ACCOUNT OF

TAX COLLECTOR.

Abraham Marland in Account with the Town of Andover.

DR.

Amount due Town on Taxes, as by Report Jan. 12, 1899,	$28160 01
Assessors' list 1899,	80578 03
Andover National Bank Tax 1899,	2200 00
	$110938 04

CR.

Amount collected,	$75935 74	
Abated,	1552 07	
Uncollected,	33450 23	
		$110938 04

Interest on Taxes, $471 76

ABRAHAM MARLAND,

COLLECTOR.

Andover, January 10, 1900.

Feb. 10, 1900. Collected in addition to above since books were closed, $5711.75.

ASSESSORS' REPORT

We herewith submit our Annual Report.

Number of Male polls assessed,		1,382
Personal Estate,	$1,150,321 00	
Real Estate,	3,960,661 00	
		$5,110982, 00
Poll-tax,	$ 2,764 00	
Tax on Personal Estate,	18,405 14	
Tax on Real Estate,	63,370 57	
		$84,539 71

Rate of Tax per $1000, $16.00

Number of	
Horses assessed,	713
Cows assessed,	956
Cattle other than Cows,	133
Sheep	25
Swine,	218
Dwellings,	1096
Acres of land,	18469

WM. G. GOLDSMITH,
SAMUEL H. BOUTWELL,
JOHN S. STARK,
Assessors of Andover.

TREASURER'S ACCOUNT.

Liabilities.

Water Bonds, ($5000.00 due 1900),	$150000 00
Sewer Bonds, 4 per cent.,	80000 00
Sewer Bonds, 3 1-2 per cent.,	30000 00
Storage Land Note, due 1900,	3000 00
Park Notes, ($1750.00 due 1900),	8500 00
Memorial Hall Notes,	25000 00
Tax Notes,	32000 00
Interest,	2628 00
Unpaid Bills, (estimated)	1500 00
	$332628 00

Assets.

Cash on hand, Town Funds,	$ 294 64		
Cash, Waterworks,	791 95		
Cash, Sewer Dep't,	1600 24		
		$2686 83	
Uncollected Taxes, 1893,	222 52		
Uncollected Taxes, 1894,	1199 57		
Uncollected Taxes, 1895,	1974 46		
Uncollected Taxes, 1896,	3345 90		
Uncollected Taxes, 1897,	4379 56		
Uncollected Taxes, 1898,	6895 36		
Uncollected Taxes, 1899,	15432 86		
		$33450 23	
Street Watering,	223 23		
Concreting,	764 00		
Commonwealth, Pauper Acct.,	682 18		
Cities and Towns, Pauper Acct.,	562 01		
Commonwealth, State Aid,	1754 00		
Commonwealth, State Aid, Spanish War,	144 00		
Commonwealth, Military Aid,	116 00		
Sinking Funds,	16153 66		
		$20399 08	
			$56536 14
			$276091 86

GEORGE A. PARKER, Treasurer in

Dr.

Balance Jan.,1899,	$ 427 77
Commonwealth, Corporation Tax,	10735 56
Commonwealth, Bank Tax,	3196 93
Commonwealth, State Aid, Chap. 301, Acts of 1894,	1773 00
Commonwealth, State Aid, Chap. 561, Acts of 1898,	300 00
Commonwealth, Military Aid,	111 00
Commonwealth, Street Railway Tax,	1171 04
Commonwealth, State Highway,	4264 57
A. Marland, Collector, taxes and interest,	76407 50
A. Marland, Collector, abatement of taxes,	1552 07
A. Marland, Collector, street sprinkling,	887 49
A. Marland, Town Clerk, fees and licences,	28 50
Andover National Bank, Notes,	121400 00
N. Jaquith, Notes,	9000 00
Andover Savings Bank, Park Loan,	8500 00
Andover National Bank, Storage Land Loan,	3000 00
Water Rates,	9376 29
Almshouse,	3152 66
Cities and Towns, Pauper account,	187 52
Geo. H. Poor, Esq., Fines,	216 00
Lawrence Police Court, Fines,	16 10
Hay Scales,	63 00
Lowell, Lawrence & Haverhill Sti Railway, Franchise Tax,	559 80
E. K. Jenkins, County Treasurer, Dog Tax,	558 87
Sale of lots, Spring Grove Cemetery,	561 50
Relief Out, Refunded,	403 39
Town House Rents,	120 00
Use of Town Hall,	236 00
Licenses,	28 50
Highway Department, work on Sewers,	58 50
Horses and Drivers, work on State Highway and new streets,	465 62
Ballardvale Rents,	100 00
T. A. Holt & Co., stone,	12 00
Road wash,	3 15
E. F. Holt, gravel,	2 00
W. H. Tucker, stone dust,	3 50
H. Bradford Lewis, stone dust,	37 50
Old iron,	25
	$258925 29

Account with the Town of Andover.

Cr.

Cash paid Selectmen's Orders:	
Schools,	$21007 34
Schoolhouses,	2499 25
Books and Supplies,	1542 58
Printing and Stationery,	1010 01
Spring Grove Cemetery,	858 81
Insurance,	556 08
Interest,	13070 99
Street Lighting,	4118 16
Removing Snow,	2687 78
Park,	9500 00
Horses and Drivers,	3465 62
Highways,	9895 76
Fire Department,	2497 78
Memorial Hall, Dog Tax,	588 87
Fire Alarm,	298 71
Storage Yard,	3000 00
Town House,	1500 00
Town Officers,	4732 59
Miscellaneous,	1255 78
Notes.	125400 00
Hay Scales,	88 10
County Tax,	4193 60
State Tax,	3780 50
Redemption of Bonds,	5000 00
Engine House Repairs,	5000 00
New Street,	734 35
State Highway,	4196 48
Dump,	30 07
Park Commissioners,	499 13
Fire Alarm Box,	139 40
Memorial Day,	200 00
Sinking Fund,	1050 00
Abatements,	1606 07
Maintenance Public Works,	5000 00
Sidewalks,	2250 00
Overseers' Orders:	
Almshouse Repairs,	297 13
Almshouse Expenses,	5065 52
Relief Out,	7884 19
Military Aid,	232 00
State Aid,	1754 00
State Aid, (Spanish War),	144 00
Cash on Hand,	294 64
	$258925 29

Waterworks.

Balance, January, 1899,	$2275 16
Town, Interest,	6200 00
Town, Maintenance,	5000 00
Town, Redemption of Bonds,	5000 00
Service-pipe,	960 98
	$19436 14

Cr.

Orders paid,	$7504 19	
Bonds Cancelled, (Nos. 46, 47, 48, 49, and 50,)	5000 00	
Interest on Bonds,	6140 00	
Cash to balance,	791 95	
		$19436 14

Sewer Department.

Balance, January, 1899,	$ 4296 65
Bonds sold,	30000 00
Premium,	474 00
Interest on Bonds sold,	58 33
Interest, Town,	3466 66
Interest on Deposits,	206 37
Geo. E. Chickering,	262 45
Andover Electric Co.,	10 35
Town, Pipe,	6 50
L. N. Farnum, overpaid,	3 00
Town, material for Vault,	68 07
Geo. Mander, wood,	20 00
Town, Storage Land,	3000 00
House Connections,	4861 27
	$46733 65

Cr.

Orders paid,	$40627 20	
Interest on Bonds,	3625 00	
Sinking Fund,	474 00	
Rebates,	407 21	
Cash in Andover National Bank,	1600 24	
		$46733 65

Sinking Funds, Waterworks.

Amount of Fund, Jan., 1899,	$7149 35
Received from Town,	750 00
Interest,	301 99
	$8201 34

Cr.

Deposited as follows:		
Haverhill Savings Bank,	1028 86	
Mechanics Savings Bank,	601 90	
Central Savings Bank,	401 44	
City Institution for Savings,	1004 87	
Andover Savings Bank,	2114 63	
Lowell Five Cents Savings Bank,	478 90	
Broadway Savings Bank,	1173 75	
Lawrence Savings Bank,	472 92	
Essex Savings Bank,	924 07	
		$8201 34

Sewer.

Balance, Jan., 1899,	$6548 66
Premium on Bonds,	474 00
Interest on bonds,	257 50
Salem Five Cents Savings Bank, interest,	13 94
	$7294 10

Cr.

Andover Sewer Bonds,	$7000 00	
Premium on Bond,	22 50	
Interest on Bond,	2 92	
Deposited in Salem Five Cents Savings Bank,	268 68	
		$7294 10

Memorial Hall.

Balance Jan., 1899,	$363 12	
Received from Town,	300 00	
Interest,	20 52	
		$683 64

Cr.

Deposited in Lowell Institution for Savings,	$683 64

Spring Grove Cemetery Fund.

Balance, Jan., 1899,	$595 32	
Interest,	24 04	
		$619 36

Cr.

Deposited in Lawrence Savings Bank,	$619 36

Edward Taylor Fund.

Balance, Jan., 1899,	$117 27	
Interest,	4 72	
		$121 99

Cr.

Deposited in Andover Savings Bank,	$121 99

Cemetery Funds.

Trust Funds for care of Cemetery Lots,	$2684 00	
Paid for care of Lots, 1899,		$94 00

Richardson Fund, Frye Village School.

Balance, Jan., 1899,	$1132 69	
Andover Savings Bank, interest,	44 20	
		$1176 89

Cr.

Paid A. Da Patro & Co., statuary,	$ 58 50	
Prang Ed. Co., pictures,	5 75	
The E. W. Noyes Co., pictures,	15 00	
W. H. Pierce & Co., picture,	12 75	
Mr. Craig,	1 50	
American Express,	75	
Deposited in Andover Savings Bank,	1082 64	
		$1176 89

GEO. A. PARKER,

Treasurer.

Andover, Jan. 25, 1900.

AUDITORS' CERTIFICATE.

We have examined the accounts of the several Town Officers and find them correctly cast and satisfactory vouchers for all payments made.

The Town Treasurer has on deposit in the Andover National Bank and cash on hand $294.64 and $791.95 to the credit of the water loan, and $1600.24 to the credit of the sewer loan.

GEORGE A. HIGGINS,
CHARLES B. JENKINS,

AUDITORS.

PARK COMMISSIONERS' REPORT.

Herewith is presented an account of receipts and disbursements for the year, showing a balance of 87 cents unexpended.

On account of the amount used in setting out new trees and pruning old ones, on the highways, the Commissioners have been unable out of the appropriation for the year, to make the contemplated change at the gravel bank at Carmel. This they intend to put into shape in the early spring. The work at Carmel is generally so far advanced as not to require much expenditure; though much money might be spent in cutting off dead limbs, and in kindred work. But as the woods are today, no great sum of money is needed to keep them in good condition and make moderate improvements. The commissioners therefore for general purposes ask for $500 for the current year.

In accordance with the vote passed at the last annual town meeting the Commissioners have bought the Richardson field and the Berry lot adjoining, at a less price than was appropriated for the purpose. As some filling is needed on these lots, the Commissioners will allow ashes, loam and suitable filling materials to be deposited there under their directions, but no tin cans, papers, or offensive materials will be allowed there. As the street department each year collects a large amount of good material for top-dressing, the Commissioners ask that such amount of it as they may need may be put at their disposal.

Respectfully submitted,

ALBERT POOR,
CHARLES L. CARTER,
ARTHUR BLISS,
} *Park Commissioners.*

Park Commissioners' Account.

Received		$500 00
Expended for tools, etc.		
45 ft. Extension Ladder,	$13 50	
Tools, etc.,	13 94	
Repairing tools,	60	
	$28 04	
Expended in Carmel Woods,		
1 Seat,	$5 97	
12 Hemlocks and 12 Rhododendrons,	12 00	
Cartage of trees,	1 67	
Setting out and watering trees,	2 70	
Cutting and burning bushes,	66 56	
Pruning trees,	104 87	
Painting fence, etc.,	11 61	
Stock & Labor,	1 96	
	$207 34	
Expended on Wayside trees,		
40 maples, 25 lindens, 20 beeches etc.,	$53 50	
Cartage of trees,	4 21	
23 loads of loam & carting,	22 78	
Setting out trees,	6 75	
Watering trees,	9 20	
Pruning trees,	166 31	
Removing elm tree near Waldo place,	1	
	$263 75	
Total expenditure,	$499 13	
Balance unexpended.	87	
	$500 00	$500 00

PUNCHARD FREE SCHOOL.

The Trustees of the Punchard Free School submit to the Town this account showing their Receipts and Expenditures for the year 1899, and the Condition of the Fund at the close of the year.

TREASURER'S ACCOUNT FOR THE YEAR 1899.

PRINCIPAL.

Amount of the General Fund,		$75005 00
Invested as follows:		
Real Estate Mortgages	$74400 00	
In Andover Savings Bank,	55 00	
Deposit in Andover National Bank,	550 00	
		$75005 00

BARNARD PRIZE FUND.

Ten shares preferred stock of Union Pacific Railway.		
Dividend on same, on hand Dec. 31, 1899,	$20 00	
		$20 00

INCOME.

Balance on hand January 1, 1899,	$ 567 84	
Interest collected on mortgage loans,	3919 88	
Interest collected on Trust Co. deposit,	17 79	
Tuition paid by one non-resident pupil,	45 00	
Book assessment,	325 00	
		$4875 51
Expenses as per statement,	$4153 49	
* Balance on hand December 31, 1899,	722 02	
		$4875 51

EXPENSES IN DETAIL.

Frank O. Baldwin, Principal,	$1798 71
Mary E. Dern, Assistant,	650 00
Jean S. Pond, Assistant,	584 00
Eric A. Starbuck, Assistant,	589 35
Frederic Palmer, Chairman Visiting Committee,	100 00
Geo. H. Poor, Treasurer,	200 00
American Express Co.,	1 00
Andover Press,	9 75
Amount carried forward,	$3932 81

Amount brought forward,	$3932 81
C. C. Bourne, tuning piano,	2 50
G. C. Cannon, filling diplomas,	5 00
G. A. Higgins & Co., school supplies,	128 01
L. E. Knott Apparatus Co., school supplies,	76 02
G. H. Parker, school supplies,	6 30
Revenue Stamps,	1 00
B. B. Tuttle, express,	1 85
Total expenses,	$4153 49

THE BARNARD PRIZE FUND.

Prior to the competition for the Barnard Prizes in June but one dividend, $25.00, had been received from this fund. Mr. J. W. Barnard generously contributed $15.00 to make up the amount to $40.00, which was distributed. It is reasonably sure that the fund will yield $40.00 per annum hereafter.

The investment continues in the stock given by Mr. Barnard, namely, 10 shares of Union Pacific Railroad Company's preferred stock.

GEO. H. POOR,
TREASURER.

January 1, 1900.

Examined and found correct,

GEORGE A. PARKER,
M. E. GUTTERSON,
AUDITORS.

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* The balance of income on hand is larger by $122.75 than it should be, bills to that amount incurred last year not having been presented to the treasurer until after Jan. 1st, 1900.

FREDERIC PALMER, HORACE H. TYER,
FRANK R. SHIPMAN, GEORGE A. PARKER,
G. A. ANDREWS, MYRON E. GUTTERSON,
GEORGE H. POOR, SAM'L H. BOUTWELL,

TRUSTEES.

RECOMMENDATIONS

OF

FINANCE COMMITTEE, 1900

The following is a list of appropriations, recommended by the Committee of Fifteen:

Schools.		$21500 00
School-Houses,		2500 00
School-Books and Supplies,		1500 00
Highways and Bridges,		3000 00
Macadamized Roads,		3000 00
And the amounts received for street sprinkling and from the Street R. R., and for the use of the Town teams.		
Sidewalks,		1000 00
$750.00 of this amount is to be expended under the "Betterment Act."		
Removing Snow,		1000 00
Horses and Drivers,		3500 00
Street Lighting,		4150 00
Town Officers,		6000 00
Of this amount salaries to be paid as follows:		
Clerk,	$1000 00	
Treasurer, (He to furnish his own bond)	400 00	
Selectmen, (3)	325 00	
Overseers of Poor, (3)	350 00	
Assessors (3)	1350 00	
Auditors, (2)	60 00	
Board of Public Works for expenses,	50 00	
School Committee for expenses,	50 00	
Amount carried forward,		$47150 00

Amount brought forward,		$47150 00
Public Works,		
Maintenance,	$6500 00	
Construction,	1000 00	
Sinking Funds,	750 00	
		8250 00
Sinking Fund for Memorial Hall Notes		300 00
Fire Department,		
Maintenance,	$3000 00	
Fire Alarm,	300 00	
New Hose,	500 00	
		3800 00
Town House,		1500 00
Almshouse,		5000 00
Repairs on Almshouse,		300 00
State Aid,		1600 00
Military Aid,		250 00
Relief out of Almshouse,		6000 00
State Tax,		4000 00
County Tax,		4000 00
Abatement of Taxes,		1000 00
Interest, on Bonds, Funds and Notes,		14000 00
Redemption of Bonds, voted Oct. 21, 1899,		5000 00
Notes Payable,		
Sewer Loan,	$3000 00	
Park Loan,	1700 00	
		4700 00
Printing and Stationery,		1500 00
Miscellaneous,		1500 00
Memorial Day,		200 00
Insurance,		600 00
Spring Grove Cemetery,		300 00
And proceeds of sale of Lots.		
Hay Scales,		50 00
Amount carried forward,		$111000 00

Amount brought forward,	$111000 00
Park Commission,	350 00
Public Dump,	50 00
Total,	$111400 00

Respectfully submitted,

For the Committee,

JOHN W. BELL,
Secretary.

The Selectmen make the above recommendations for the ensuing year, as adopted by the Finance Committee,

WM. G. GOLDSMITH,
SAMUEL H. BOUTWELL,
JOHN S. STARK,
} *Selectmen of Andover.*

TOWN WARRANT.

ESSEX, SS: To either of the Constables of the Town of Andover. GREETING:

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the Town of Andover qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the fifth day of March, 1900, at eight, A. M., to act on the following articles:

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2nd. — To choose Town Clerk, Treasurer, Collector of Taxes, three members of the Board of Selectmen, Assessors and Overseers of the Poor for one year, one member of the Board of Health for three years, three members of the School Committee for three years, one Trustee of the Memorial Hall for seven years, one Trustee of the Cornell Fund for three years, one Park Commissioner for three years, one member of the Board of Public Works for three years, one Tree Warden for one year, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a pound keeper, Fire Wards, and any other officers the town may determine to choose.

Article 3rd. — To take action on the following question: "Shall licenses be granted for the sale of Intoxicating Liquors in this town?"

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-houses, School-books and Supplies, Highways and Bridges, Macadamized Roads, Sidewalks, Removing Snow, Horses and Drivers, Street Lighting, Town Officers, Public Works, Sinking Fund for Memorial Hall Notes, Fire Department, Town House, Almshouse, Repairs on Almshouse, State Aid, Military Aid, Relief out of Almshouse, State Tax, County Tax, Abatement of Taxes, Interest on Bonds, Funds and Notes, Redemption of Bonds, Voted Oct. 21, 1889, Notes Payable, Printing and Stationery, Miscellaneous, Memorial Day, Insurance, Spring Grove Cemetery, Hay Scales, Park Commission, Public Dump and other town charges and expenses.

Article 5th. — To see if the Town will authorize the issue of twenty thousand dollars of Sewer Bonds for construction purposes on petition of the Board of Public Works.

Article 6th. — To see if the Town will appoint a committee to readjust the grades of the streets and appropriate a sum of money therefor on petition of the Board of Public Works.

Article 7th. — To see if the Town will purchase the land adjoining the Town Farm owned by J. C. Foster of Oakland, Cal , and known as the Brick Yard property (containing about twenty-two acres) and appropriate a sum of money therefor on petition of T. F. Pratt and others.

Article 8th. — To see if the town will locate and maintain three incandescent lamps on Main street in Scotland District'

one near B. F. Holt's, one at four-corners near the late residence of John B. Abbott, one at four-corners near Wm. H. Carter's, and appropriate a sum of money therefor on petition of Newton Jaquith and others.

Article 9th. — To see if the Town will locate and maintain an incandescent lamp on Lowell street near James H. Kibbee's, and appropriate a sum of money therefor on petition of C. H. Kibbee and others.

Article 10th. — To see if the town will put all shrubs and bushes on the roadsides in charge of the Tree Warden on petition of the Park Commissioners and others.

Article 11th. — To see if the Town will appropriate a sum sufficient to place a marker of the Society of the Sons of the American Revolution, at the grave of each revolutionary soldier or sailor buried in this town, the expense not to exceed one dollar each, on recommendation of the above named society.

Article 12th. — To hear and act upon the report of the Selectmen in regard to appropriating a sum of money sufficient to widen Chester street in Ballardvale, beginning at a point on Lowell street and running southwesterly about six hundred feet.

Article 13th. — To see if the Town will vote that official ballots shall hereafter be used in town elections according to section 360, Chapter 548 of the Acts of 1898, on petition of B. M. Allen and others.

Article 14th. — To see if the Town will vote to lower the bed of Roger's Brook, so called, and appropriate a sum of money therefor on petition of A. P. Richardson and others.

Article 15th. — To see if the Town will appropriate one hundred and fifty dollars to lower the Culvert on School street between the residences of Mrs. Esther H. Byers and E. K. Jenkins.

Article 16th. — To see if the Town will accept and adopt the new town Seal as recommended by the State Commismissioner of Public Records.

Article 17th. — To act on the reports of the Town Officers.

Article 18. — To see if the Town will revise and accept the list of names of Jurors prepared and posted by the Selectmen.

Article 19th. — To fix the pay of the Firemen for the ensuing year.

Article 20th. — To determine the method of collecting the taxes for the ensuing year.

Article 21st. — To determine the disposition of unexpended appropriations.

Article 22nd. — To authorize the Treasurer to hire money for the use of the Town in anticipation of Taxes, upon the approval of the Selectmen.

Article 23rd. — To determine the amount of money to be raised by taxation the ensuing year.

Article 24th. — To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant with your doings theron, to the Town Clerk, at the time and place of meeting.

Given under our hands at Andover, this sixteenth day of February, in the year nineteen hundred.

WM. G. GOLDSMITH,
SAMUEL H. BOUTWELL,
JOHN S. STARK,
} *Selectmen of Andover*

MEMORIAL HALL.

TWENTY-EIGHTH ANNUAL REPORT OF THE BOARD OF TRUSTEES.

The event of special interest in the affairs of Memorial Hall, during the past year, has been the important step made by the Trustees toward the realization of the provisions of the Will of the late John Cornell. It may have seemed to some that the enjoyment of this gift has been a long time in reaching the people of Andover. But it is by this delay that the Trustees are now able to present to the Public, the pictures of the Cornell Legacy under conditions that render them at the same time accessible and useful.

The accumulated interest of the Cornell fund, received some six years ago, supplied the means by which the unfinished attic of the Memorial Hall has been shaped into the beautiful room, furnished, warmed, and properly lighted, that now holds the beginning of an Art Collection, which the Trustees hope will prove a centre of continually growing interest, drawing to itself, year by year, a few new acquisitions, and availing itself in some measure, of the improvements in the arts of reproduction that the future may develop. The unexpended part of the fund, available for such a growth, will ensure the realization of this plan for some years. When there is no longer a place for all our pictures in the Art Room, the other apartments and corridors of the building will be, gradually, furnished with them.

In response to a request, signed by a number of our citizens, the Trustees have tried for a full year the experiment of opening the Reading Room on Sundays, during the afternoon and evening hours. A careful account, kept by the Librarian, of the attendance, shows so small a number availing themselves of the privilege, that the Trustees do not feel warranted in continuing the Sunday opening longer.

For further interesting statistics we refer the reader to the report of the Treasurer and the Librarian.

Respectfully submitted:

JOSEPH W. SMITH,
FRANCIS H. JOHNSON,
E. KENDALL JENKINS,
JOSEPH A. SMART,
FREDERIC S. BOUTWELL,
GEO. W. FOSTER,
C. C. CARPENTER,

TRUSTEES.

ANDOVER, Feb. 14, 1900.

Frederic S. Boutwell, Treasurer of Trustees of Memorial

RECEIPTS.

Feb. 1, 1899.	To cash balance from last year,	$1949	82
" 15, "	Town Treasurer, Dog tax, 1898,	588	87
Apr. 3, "	Interest on mortgage,	125	00
Oct. 7, "	Balance of Edward Taylor Fund,	200	00
Oct. 10, "	Interest on mortgage,	125	00
Nov. 3, "	Town Treasurer, interest on town notes,	1400	00
Dec. 18, "	Cornell Purchase Fund,	1000	00
" 29, "	Payment on mortgage,	1000	00
Jan. 8, 1900.	Ballard Holt, fines and rents,	45	38
" " "	" " use of books,	6	36
" " "	" " sale of old books,	5	75
" " "	" " sale of catalogues,	12	50
" 17, "	" " sale of Art Room catalogues,	6	85
" 22, "	Cornell Purchase Fund,	500	00
" " "	Interest from Savings Banks,	419	32
		$7384	85

Hall, in account with the Town of Andover, Mass.

EXPENDITURES.

Ballard Holt, salary,		$893 50
James O. Bradshaw, salary,		56 00
Harriet W Carter, salary,		7 00
Andover Electric Co., lighting,		185 69
Little, Brown & Co., books,		381 02
Balch Bros., book,		4 00
James McEwan, book,		2 75
Warner Library Co., books,		6 50
F. S. Blanchard & Co.,book,		3 00
Desmond Publishing Co., book,		8 00
A. N. Marquis & Co., book,		2 75
O. P. Chase, papers and periodicals,		261 93
Boston Book-binding Co., binding,		56 00
F. J. Barnard & Co., binding,		68 76
Andover Press, supplies,		59 50
Henry McLawlin, supplies,		5 05
Frank E. Gleason, coal,		162 50
Fred C. Way, carrier,		78 00
George E. Pike, work,		38 25
John McCarthy, work,		14 92
H. F. Chase, work,		2 00
Ballard Holt, sundries,		64 79
William A. Morton, decorating,		75 00
J. E Whiting, repairs,		2 50
J. A. Smart, insurance,		7 50
Sprinkling street tax, Town of Andover,		8 45
Tuttle's Express,		6 45
Deposited in Andover Savings Bank, E. Taylor Fund,		200 00
Deposited in Lowell Inst. for Savings, J. Cornell Fund,		1000 00
Revenue and Postage Stamps,		3 00
Hardy & Cole, work,	Cornell Art Room	691 26
E. C. Pike, heating,	" " "	220 00
John H. Pray, carpet, rugs, mats,	" " "	119 64
Redding, Baird & Co., glazing ceiling lights,	" " "	47 25
A. Kaiser, curtains and cushions,	" " "	57 50
Paine Furniture Co., desk and chairs,	" " "	37 35
William Allerton & Co., pictures,	" " "	83 24
C. H. Dunton & Co., pictures,	" " "	514 00
E. W. Noyes, pictures,	" " "	504 33
Frank Hegger, pictures,	" " "	397 00
Franz Hanfstaengl, pictures,	" " "	227 00
Williams & Everett, pictures,	" " "	117 00
James W. Vinal & Co., supplies,	" " "	5 30
American Express Co.,	" " "	6 80
Andover Electric Co., lights,	" " "	120 65
		$6813 13
Cash to balance,		571 72
		$7384 85

Treasurer's Report Trustees Memorial Hall—Continued.

Funds		Invested as Follows	
Permanent Fund,	$20000 00	Town Note,	$20000 00
John Byers Fund,	10000 00	Town Note,	5000 00
John Cornell Fund. (per.).	5000 00	Mortgage,	4000 00
John Cornell Fund. purchase	3500 00	Savings Banks,	10100 00
Edward Taylor Fund,	500 00	Cash,	571 72
W. C. T. U. Fund,	100 00		
Cash,	571 72		
	$39671 72		$39671 72

Jan. 27, 1900.

Examined and verified the foregoing account.

J. A. Smart,
E. K. Jenkins.

REPORT OF LIBRARIAN.

To the Board of Trustees of the Memorial Hall Library:

GENTLEMEN: — I herewith submit my report as Librarian for the year ending December 31, 1899:

Statistics.

Volumes in the Library, January 1, 1899,				14,880
Volumes purchased,				357
Volumes presented,				69
Volumes of periodicals bound,				47
Volumes in the Library, December 31, 1899,				15,353
Pamphlets in the Library, January 1, 1899,				7,267
Pamphlets presented in 1899,				554
				7,821
Number of days the Library was open,				305
Number of volumes delivered:				
General delivery,	17,949			
Abbott District,	281			
Bailey District,	519			
North District,	161	10 months		
Osgood District,	699			
			19,609	
Largest daily issue,				174
Largest weekly issue,				564
Average daily issue,				64
Per-centage of fiction and juvenile circulated,				79 1-4
Notices sent to delinquent borrowers,				868
New names registered,				204
Total number of names registered,				6716
Number of books covered anew,				1092
Number of volumes rebound,				317
Volumes delivered for use in Reading-room,				722
Average attendance in Reading-room week days,				59
Average attendance in Reading-room Sundays,				24
Income from fines,				$45.38
Income from use of books,				6 36
Income from sale of catalogues, (25)				12 50
Received from sale of old books and paper,				5 75

List of Donors.

	Vols.	Pamps.	Pap's
Abbot Courant,		3	
Abbot Public Library, Marblehead, Mass.,		1	
Andover, Town of,	3		
Bancroft, Rev. C. F. P.		3	
Blinn, H. C., Shaker Village, N. H.,		12	
Bunker Hill Monument Association,	1		
Cambridge Public Library,		1	
Carpenter, Rev. C. C.		5	
Depew, Hon. C. M., New York City,		1	
Dixon, Mrs. F. S. E., Boston, Mass.,	1		
Enoch Pratt Free Library, Baltimore, Md.,		1	
Fall River Public Library,		1	
Forbes Library, Northampton, Mass.,		1	
French, J. D. W., Boston, Mass.,		66	
Jenkins, E. K.		1	
Kimball, Hon. S. I., Washington, D. C.,	13		
Lawrence Public Library,		4	
Lincoln, Rev. Varnum,	1		
Lowell Textile School,		1	
Malden Public Library,		1	
Massachusetts, Commonwealth of,	9	2	
Massachusetts Institute of Technology,		1	
Massachusetts State Library,	1		
Massachusetts Volunteer Aid Association,	1		
Melville, G. W., Washington, D. C.,		1	
Newton Free Library,		1	
Palmer, Rev. Frederic,		2	
Putnam, J. J., Worcester, Mass.,	1		
Rowe, G. H. M., Boston, Mass.,		1	
Salem Public Library,		10	
Sharples, S. P., Boston, Mass.,	2		
Society for the Prevention of Cruelty to Animals,			12
Somerville Public Library,		1	
Stevens, Hon. Moses T., North Andover, Mass.,	2		
Taylor, Prof. J. P.,	8		
Taylor, Mrs. John P.,	1		
Townsend, Howard, New York City,		1	

	Vols.	Pamps.	Pap's
Traveler's Record,			12
Underwood, H. S., Boston, Mass.,	1		
United States,	19	119	
United States Naval Institute, Annapolis, Md.,		1	
Whiting, J. E.			596
Whitney, C. C., Marshall, Minn.,			52
Winthrop Public Library,		1	
Worcester Free Public Library,		1	
	64	244	672

Eight volumes have been withdrawn, and replaced with new ones.

Two numbers of Andover Townsman, Boston Herald, and Scientific American, one each of Boston Journal, Boston Traveller, Good Words, Harper's Monthly, New England Magazine, Popular Science Monthly, St. Nicholas, and Scribner's Magazine, have been taken from the Reading-room and not returned. Two volumes are missing.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 3, 1900.

MEMORIAL HALL LIBRARY

LIST OF ACCESSIONS

Bulletin No. 19, 1899

LIST OF ACCESSIONS, 1899.

A.

ABBOTT, Evelyn, and Campbell, Lewis. Life of Benjamin Jowett. v. 3. . . . . 92.J 832 A
ADAMS, Henry. Historical essays. 904.A 213
ADE, George. Doc' Horne : story of the streets and town. . . . . A 228 do
ALGER, Horatio, Jr. Rupert's ambition. . . . A 395 ru
ALLEN, A. V. G. Christian institutions. . . . 270.A 42
ALLEN, Grant. European tour. 914.A 42
AMERICAN, national red-cross committee reports. The work of the red-cross during the Spanish-American war. . . . . 973.8 A 51
AMERICAN Naturalist. Vol. 32, 1898. . . . . 505.A 512
ANNESLEY, Charles. Standard opera glass : one hundred and twenty-three celebrated operas. . . 782.A 61
ATLANTIC Monthly. V. 82-83, 1898-99. . . . 051.A 881
ARBUTHNOT, Sir A. J. Lord Clive : the foundation of British rule in India. . . . . 92.C 615 A
AUSTIN, O. P. Uncle Sam's soldiers : a story of the war with Spain. 355.A 93

B.

BACON, E. M. Historic pilgrimage in New England, among landmarks of pilgrim and puritan days, and of the provincial and revolutionary period. . . . . 917.4 B 13
BANGS, J. K. The dreamers : a club. . . . . B 225 d
Enchanted type-writer. . . . . B 225 en
Peeps at people : papers from the writings of Anne Warrington Witherup. . . . . 817.B 22 p
BARBOUR, R. H. The half-back : story of school, football, and golf. . . . . B 235 h
BARLOW, Jane. A creel of Irish stories. . . . B 245 cr
BARR, Mrs. Amelia E. I, thou, and the other one : a love story. . . . . B 271 i
BARR, Robert. Strong arm. . . . . B 273 st
BARRETT, John. Admiral George Dewey : a sketch of the man. 92.B 274
BARRY, William. The two standards. . . . . B 279 tw

BARTON, Clara. Red Cross. 361.B 28
BAY, J. C. Danish fairy and folk tales. . . . 398.3 B 34
BEARD, W. L. Sand and cactus. . . . . B 385 s
BELGER, Mrs. Francis C. B. The ladder of fortune. . B 412 l
BENNETT, E. H. The four gospels from a lawyer's standpoint. 226.B 43
BENSON, E. F. The capsina: an historical novel. . . B 445 ca
Mammon and Co. . . . . B 445 m
BESANT, Sir Walter. South London. . . . . 942.1 B 46 s
*BIRDS and all nature: a monthly serial. V. 4-5. 1898-99. . . . . 051.B 53
BLACKWOOD'S Edinburgh Magazine. V. 164-165, 1898-99. . . . . 051.B 56
BLAKENEY, Robert. A boy in the peninsular war. . 92.B 586 S
BLANCHARD, F. S. & Co., *publishers*. *Massachusetts year book, 1899. . . . . .917.44 M 38 B
BONSAL, Stephen. The fight for Santiago: story of the soldier in the Cuban campaign from Tampa to the surrender. . . . . 972.91 B 64
BOURGET, Paul. Pastels of men. . . . . B 664 p
BOURGOGNE, A. J. B. F. Memoirs of Sergeant Bourgogne, 1812-13. . . . . 92.B 666
BRISCOE, Margaret S. Sixth sense and other stories. . B 778 si
BROWN, Alice. Tiverton tales. . . . . B 811 ti
BROWN, Helen D. A civilian attachè: story of a frontier army post. . . . . B 813 ci
BROWN, W. H. On the South African frontier: adventures in Mashonaland and Matabeleland. . 916.8 B 81
BROWNING, Robert, and Mrs. Elizabeth B. Letters, 1845-6. 2v. 92.B 286
BRYCE, James. Impressions of South Africa. . . 916.8 B 84 i
BULLEN, F. T. Cruise of the Cacholot around the world after sperm whale. . . . . B 873 cr
BUNKER Hill, a memorial of the American patriots who fell at the battle of . . . . . 973.3 B 65 m
BUNKER Hill Monument Association. Proceedings at the annual meeting, June 17, 1899. . . 973.3 B 88 p
BURTON, J. B. Scourge of God: romance of religious persecution. . . . . B 956 sc
BUTTERWORTH, H. Treasure ship: Tale of Sir William Phipps, the regicides, and the inter-charter period in Massachusetts. . . . . B 986 t

C.

CABLE, G. W. Strong hearts. . . . . C 114 st
CAFFYN, Mrs. Mannington (Iota). Anne Maulverer. . C 116 an
CAINE, O. V. Face to face with Napoleon: an English boy's adventures in the great French war. C 126 f
CAIRD, John. University addresses. . . . . 378.41 C 12
University sermons, preached before the university of Glasgow, 1873-1898. . . . 252.C 12 u
CALKINS, F. W. The cougar-tamer, and other stories of adventure. . . . . C 128 co
CAMPBELL, Mrs. Rosa M. P. Madame Izan: a tourist story. . . . . C 153 md
CANTON, William. W. V. S., Golden legend. . . 244.C 16
CAREY, Rosa N. My Lady Frivol. . . . . C 187 my
CAROL, King of Romainia. Reminiscences. Edited by S. Whitman. . . . . 92.C 225 W
CARPENTER, E. J. America in Hawaii: history of United States' influence in the Hawaiian islands. . . . . 996.9 C 22
CARRUTH, Frances W. Those Dale girls. . . . C 236 th
CARRUTH, Hayden. Mr. Milo Bush and other worthies: their recollections. . . . . C 237 mr
CARRYL, C. E. River syndicate, and other stories. . C 239 ri
CATHERWOOD, Mrs. Mary H. Queen of the swamp, and other plain Americans. . . . . C 285 q
CENTURY. V. 57, 1899. . . . . 051.C 33
CHASE, Jessie A. Three freshmen, Ruth, Fran, and Nathalie . . . . . C 385 th
CHESNUTT, C. W. The conjure woman. . . . C 429 co
CHURCHILL, Winston. Richard Carvel. . . . C 477 ri
CLEMENS, W. M. Ken of Kipling. . . . . 92.K 625 C
COLLINGWOOD, S. D. Life and letters of Lewis Carroll. . . . . 92.D 667 C
COLQUHOUN, A. R. China in transformation. . . 915.1 C 71
*CONGRESSIONAL record. 7 vol. . . . . 328.73 r
CONTEMPORARY Review. V. 74-75, 1898-99. . . 052.C 76
COOK, Joel. England picturesque and descriptive, reminiscences of foreign travel. 2 v. . . 914.2 C 77
COPELAND, C. T., *editor*. Letters of Thomas Carlyle to his youngest sister. . . . . 826.7 C 19
CORNHILL Magazine. New series. V. 5-6, 1898-99. . 052.C 81

Cosmopolitan. V. 26, 1898. . . . . 051.C 82
Couch, A. T. Q. Ship of stars. . . . . C 831.sh
Crane, Stephen. Active service. . . . . C 852 a
Crockett, S. R. Black Douglas. . . . . C 875 bl
Ione March. . . . . C 875 io
Kit Kennedy, country boy. . . . . C 875 ki
Croker, B. M. Infatuation ; or Maria's misfortunes. . C 876 in
Cross, W. L. Development of the English novel. . 823.C 88
Curtin, J. Creation myths of primitive America. . 398.3 C 94 c
Cyrano de Bergerac, S. Voyage to the moon. . . 847.C 99

D.

Davidson, Thomas. Rosseau and education according to nature. . . , ... 370.D 28
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Deland, Mrs. Margaret. Old Chester tales. . . D 373 ol
Dickinson, Emily. Poems. 3 v. 811.D 56
Dix, Beulah M. Hugh Gwyeth : a round head cavalier. D 643 hn
Dixon, T. S. E. Francis Bacon and his Shakespeare. 822.S 527 D
Dobson, Austin. Miscellanies. 824.D 65
Dole, N. S. Omar the tentmaker. . . . . D 668 om
Dougall, Lily. The mormon prophet. . . . D 744 mo
Douglas, R. K. China. (Story of the nations.) . 951.D 74
Downs, Mrs. Annie S., *editor*. Memorial. Philena McKeen. . . . . 92 M 19 D
Doyle, A. C. A duet : with an occasional chorus. . D 775 du
Dresser, H. W. Voices of hope, and other messages from the hills. . . . . 204.D 81 v
Duncan, Sara J. Hilda : a story of Calcutta. . . D 917 hi
Dunn, B. A. On General Thomas's staff. [Young Kentuckians' series.] . . . . D 921.on
Dunn, Mrs. Gertrude C. (G. Colmore). Strange story of Hester Wynne, told by herself: with a prologue. . . . . D 923 st
Dunne, F. P. Mr. Dooley in peace and war. . . 817.48 D 91

E.

Edwards, F. E. The '98 campaign of the 6th Massachusetts, U. S. V. . . . . 973.74 E 26
Eliot, C. W. Educational reform : essays and addresses. 370.4 E 42

ELIZABETH, Empress of Austria. Martyrdom of an empress. . . . . 92 E 436
ELIZABETH and her German garden. . . . 828 E 43
ELLIS, E. S. War chief series. . . . . E 475 r
1 Iron heart, war chief of the Iroquois.
2 Secret of Coffin Island.
ELSON, L. E. Great composers and their work. . . 920.E 49
EMERSON, G. H. Life of Alonzo Ames Miner. . . 92.M 66 E
EMERSON, R. W. Letters to a friend, 1838-1853. Ed. by C. E. Norton. 816.E 53
EMERY, M. S. How to enjoy pictures: with a chapter on pictures in the school-room, by S. Skinner. 701.E 53
EMERTON, Ephriam. Desideras Erasmus of Rotterdam. 92 E 561 E
*ESSEX Antiquarian. V 2-3, 1898-99. . . . 929.E 78

F.

FARRAR, F. W. Westminster Abbey; with a chapter on the Poets corner, by A. P. Stanley. . 283.F 24 w
FISH, Williston. Short rations. . . . . F 526 sh
FISKE, John. Dutch and Quaker colonies in America, 2v. 973.25 F 54 d
Through nature to God. . . . . 211.F 54 t
FITZPATRICK, J. P. The Transvaal from within. . 968.2 F 58
FLETCHER, J. S. Paths of the prudent. . . . F 633 pt
FLETCHER, W. I., and Bowker, R. R. *Annual Literary index, 1897. . . . . 050.P 781
FORBES, J. M. Letters and recollections, ed. by Sarah H. Forbes, 2v. 92.F 743
FORD, P. L. Janice Meredith: a story of the American revolution. . . . . F 756 ja
FORUM. Vol. 26-27, 1898-99. . . . . 051.F 58
FOWLER, Ellen H. Concerning Isabel Carnaby. . . F 828 co
A double thread. . . . . F 828 do
FRASER, Mrs. Mary C. (Mrs. Hugh Fraser.) Customs of the country: tales of old Japan. . . F 865 cu
FREDERIC, Harold. Gloria mundi: a novel. . . F 874 gl
The market-place. . . . . F 874 m
FULLER, Caroline M. Across the campus: story of college life. . . . . F 953 ac

G.

GABORIAU, Emilié File no. 113. . . . . G 115 fi
GALLON, T. Kingdom of hate: a romance. . . . G 135 ki
GILMAN, D. C. University problems in the United States. 378.G 42
GOOD Words. V. 39, 1898. . . . . 052.G 59
GOULD, S. B. Pabo the priest: a novel. . . . G 735 p
GRAHAME, Kenneth Dream days. . . . . G 762 dr
GRANT, Robert Search-light letters. 814.G 76
GREEN, Mrs. Evelyn E. Gladys or Gwenyth: story of a mistake. . . . . G 825 gl
Mystery of Alton Grange. . . . . G 825 my
GRIFFIS, W. E. America in the East: our history, prospects, problems, and duties in the Pacific Ocean. . . . . 973.9 G 87
GRISWOLD, Mrs. Hattie T. Personal sketches of recent authors. . . . . 928.G 88 p
GUTHRIE, T. A. (F. Anstey.) Love among the lions. G 985 lo
Paleface and redskin, and other stories for boys and girls. . . . . G 985 pl
GWYNN, Stephen. Highways and byways in Donegal and Antrim. . . . . 914.15 G 99

H.

HAGGARD, H. R. Swallow: tale of the great Trek. . H 124 sw
HALE, E. E. Historic Bosotn and its neighborhood. . 917.44 H 13
James Russell Lowell and his friends. . . 92 L 954 H
HARPER'S New Monthly Magazine. V. 97 98, 1898-99. 051.H 23
HARPER'S Round Table. V. 1, 1897. . . . . 051.H 23 r
HARRADEN, Beatrice. The fowler. . . . . H 234 fo
HARRIS, J. C. Chronicles of Aunt Minervy Ann. . H 243 ch
Plantation pageants. . . . . 398.4 H 24 pl
HARRIS, W. T. Psychologic foundations of education. 150.H 24
HARRISON, Mrs. Constance C. A triple entanglement. H 246 tr
HARTE, F. B. Mr. Jack Hamlin's meditation and other stories. . . . . H 256 mr
HAWKINS, A. H. (Anthony Hope.) King's mirror : a novel. . . . . H 313 ki

Hector, Mrs. Annie F. (Mrs. Alexander.) Brown, V. C. . . . . H 357 bw
Hedin, Sven. Through Asia. 2 v. . . . . 915 H 35
Heilprin, Angelo. Alaska and the Klondike; a journey to the new Eldorado. . . . . 917.98 H 36
Hemstreet, Charles. Nooks and corners of old New York. . . . . 917.471 H 37
Henty, G. A. No surrender: a tale of the rising in La Vendée. . . . . H 395 no
Roving commission; or, through the black insurrection at Hayti. . . . . H 395 ro
Won by the sword: a tale of the thirty year's war. H 395 wn
Hemment, J. C. Cannon and camera; sea and land battles of the Spanish-American war in Cuba, camp life, and return of the soldiers. 972.91 H 37
Higginson, T. W. Contemporaries. 920.H 53
Old Cambridge. . . . . 810 H 53
Hill, G. B. Gordon in Central Africa, 1874-1879. . 916.7 G 65
Hill, J. A. Stories of the railroad. . . . . H 553 st
Hill, R. T. Cuba and Porto Rico with the other islands of the West Indies. . . . . 917.29 H 55
Hillegas, H. C. Oom Paul's people: a narrative of the British-Boer troubles in South Africa, with a history of the Boers, etc. . . . 916.8 H 55
Hinkson, Mrs. Katherine T. Dear Irish girl. . . H 594 de
Hinsdale, B. A. Horace Mann and the common school revival in the United States. . . 370.H 59
Hitchcock, Mrs. Mary E. Two women in the Klondike: story of a journey to the gold fields of Alaska. . . . . 917.98 H 63
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Hovey, Richard Birth of Galahad. . . . . 812.H 82 b
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Quest of Merlin. . . . . 812 H 82 q
Howard, Blanche W. Dionysius the weaver's hearts' desire. . . . . H 832 di
Howe, M. A. D. American bookmen: sketches chiefly biographical, of certain writers of the nineteenth century. 920.H 83
Howells, W. D. Ragged lady: a novel. . . . H 838 ra
Huneker, James. Mezzotints in modern music. . 780.H 89
Hyde, W. D. God's education of man. . . . 204.H 99

I.

*Illustrated American. V. 24, 1898. . . . 051.I 29
Imbert de Saint-Amand, A. L., *baron*. Court of the second empire. . . . . 92.N 163 Ib
France and Italy. 944.I 32
Irving, Washington, *and others*. Representative essays. 824.I 72

J.

Jackson, F. G. A thousand days in the Arctic. . . 919.8 J 42
James, William. Talks to teachers on psychology, and to students on some of life's ideals. . . 150.J 23
Jarrold, Ernest. Mickey Finn Idylls. . . . 817.J 29
Jepson, E., and Bearnes, D. On the edge of the empire. 915.4 J 46
Jewett, Sarah O. Betty Leicester's Christmas. . . J 554 be

K.

Kaler, J. O. (James Otis.) Boys of '98. . . . 973.8 K 12
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WATER AND SEWERS.

TOWN OF ANDOVER

FIRST

ANNUAL REPORT

OF THE

BOARD OF PUBLIC WORKS

EMBRACING THE ELEVENTH ANNUAL REPORT
OF WATER COMMISSIONERS AND THIRD
ANNUAL REPORT OF SEWER
COMMISSIONERS.

FOR THE FINANCIAL YEAR ENDING

JANUARY 10, 1900

ANDOVER, MASS.
THE ANDOVER PRESS
1900

BOARD OF PUBLIC WORKS

JOHN H. FLINT, *Chairman*,	Term expires 1902
FELIX G. HAYNES, *Secretary*,	Term expires 1902
JAMES P. BUTTERFIELD,	Term expires 1901
WILLIAM S. JENKINS	Term expires 1901
JOHN L. SMITH,	Term expires 1901

SUPERINTENDENT

JOHN E. SMITH

ASSISTANT SUPERINTENDENT

GEORGE E. HUSSEY.

REPORT

OF

BOARD OF PUBLIC WORKS

To the Citizens of Andover:

The Board of Public Works herewith submit their first annual report, for the year ending Jan. 10, 1900.

SEWERS.

Cost of sewer construction previous to 1899,	$75,700.33
" " " " during 1899,	32938.43
Cost to date,	$108,638.76
Sewer bonds authorized and sold,	$110,000.00
Number of house connections made previous to 1899,	55
Number of house connections made during 1899,	151
Total to date,	206

Sewers have been completed on all streets of the system adopted by the Town, excepting parts of Abbott, Central, Chestnut, Elm, School streets and Walnut avenue, and the whole of Phillips street. The estimated cost to construct these is $17,366.77.

The firm of C. H. Eglee Co. having dissolved, Mr. Loring N. Farnham completed the contract to our entire satisfaction.

MAINTENANCE.

The care and maintenance of the system, having been performed in connection with the construction of new work, the expense has been small. By combining the two systems, water and sewer, the maintenance account will be less than if run separate, but it is hardly possible that it will be reduced much as the sewers will necessarily call for more for running expenses in the future.

Satisfactory settlements have been made with all parties but two, where sewers were laid in private property and the proper rights secured for the Town's protection. As the Town needed the land on Park street for other purposes it became necessary to move the shop, which has been used by the Waterworks for several years, to some other location. A lot was purchased of Hardy & Cole and the shop removed thereto. There is included in the lot bought sufficient land for the storage of pipe and other materials, also part of the spur track, on the premises, which makes it very convenient for the loading and discharging of heavy frieght.

SEWER ASSESSMENTS.

It was voted by the Town that one quarter of the cost of the sewer system should be borne by the Town, and three quarters by the abuttors or those directly benefited. By the authority conferred by the act of incorporation your Board have finally adopted the following plan of assessments for benefits received from the system of sewers. Three quarters of said cost shall be assessed upon the estates directly benefited wherever the sewers shall be laid, by the frontage and area plan combined. Viz. Fifty (50) cents to be assessed on each foot of lot frontage, of estates on any street or way wherever a sewer is constructed, five (5) mills per square foot upon the area of said estates extending back

to a depth of one hundred and twenty (120) feet from the front of the same. Upon all corner lots assessments for lot frontage shall be levied as before stated, upon the whole frontage of such estates which abut on the street where a sewer is first laid, upon the other street or streets or ways upon which such corner lots or estates abut, an exemption, as may be determined by the Board of Public Works, of not exceeding sixty (60) feet of the frontage assessment shall be made on such streets or ways: and the assessments before provided shall be levied on all the remainder of the frontage on such streets or ways.

Upon such estates as shall receive direct benefits from the sewer that have no assessable lot frontage, and not located within one hundred and twenty (120) feet of a street or way, such an equitable charge shall be made for entering the sewer as may be determined by the Board of Public Works for the benefits received therefor. The Board would recommend that whenever extensions to the system are made, the property abutting and directly benefited, shall be assessed at the same price and in the same way as the foregoing property.

WATERWORKS.

Services in use last report,		819
" put in this year,		26
Meters in use,		616
Cost of system to date,		$206,996.12
Bonds issued for construction purposes,		$200,000.00
Bonds redeemed,		$50,000.00
Sinking fund,		$8,201.34
Net bonded debt,		$141,798.66
Maintenance expenses,	$4,471.04	
Interest on bonds,	$6,000.00	
	$10,471.04	
Receipts from water rates,	$9376.29	

If the water furnished the Town for its public buildings alone was paid for at the cost of pumping it, the receipts would exceed the expenditures, so practically the water works are more than self supporting without taking into account at all the fire protection afforded by nearly two hundred hydrants, and the water used to flush the sewers and other purposes.

Several years ago the Town took possession of two islands in Haggetts pond to prevent pollution of the water from campers who frequented them. The owner or owners were not known at the time. The ownership was established this year, the Town paid for them $436.50 and a title to the property secured. Construction work has been very light this year. The total length of new mains laid was 1087.5 feet. The trough formerly near the corner of Railroad and Central streets, was moved across the river to the corner of Andover street and the road leading to West Parish Church. As the amount of money available for construction purposes is practically exhausted, your board will ask for a small appropriation for that purpose. It will probably not require a very large amount any one year as no great extensions or any great call in this line of construction is looked for, for some time. Mr. John E. Smith was elected superintendent of both departments last spring, and also the sewer construction for this year has been under his personal supervision. We refer you to his report accompanying this for a detailed account of work done in the two departments and other information which may be of interest.

The efficiency of the water system for the past ten years is already established. It has affored an abundance of water for all the purposes for which it was intended every day since it went into commission. While the sewer system is yet in its infancy it has thus far been a success and will no doubt, like the water system, accomplish the purpose for which it was designed. Both are of great value to the health

of the Town, and are designed to be a lasting benefit to future generations.

Very Respectfully,

JOHN H. FLINT WILLIAM S. JENKINS JOHN L. SMITH JAMES P. BUTTERFIELD FELIX G. HAYNES	*Board of Public Works*

NOTE.—Since writing the above report a petition has been received from land owners on Phillips street requesting the construction of a sewer therein. This construction will of necessity be required within a few years and the present exigencies of the case would seem to demand that it be built this coming season, as the new dormitory in course of erection by the Trustees of Phillips Academy will increase the population of an already polluted section by about one hundred. To avoid the necessity of coming before the Town for small bond issues from year to year, your Board would recommend that the Town authorize the issue of twenty thousand dollars of sewer bonds. These bonds will not be sold except as the proceeds shall be required.

SINKING FUNDS.

The Sinking Fund Commissioners present the following report:

Water Loan. Issue of 1890.

To redeem bonds Nos. 151 to 160 inclusive.

To balance Jan. 10, 1899,	$2894 73
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	47 88
Received from interest from Essex Savings Bank,	35 86
Received from interest from City Institution for Savings, of Lowell,	34 32
	$3162 79

Invested as follows:

Deposited in Andover Savings Bank,	$1233 85	
Deposited in Esssex Savings Bank,	924 07	
Deposited in Lowell Institution for Savings,	1004 87	
		$3162 79

Issue of 1892.

To redeem bonds Nos. 161 to 170 inclusive.

To balance Jan. 10, 1899,		$1443 47
Received from Town of Andover,		150 00
Received from interest from Broadway Savings Bank,		45 56
Received from interest from Broadway Savings Bank,		13 62
		$1652 65

Invested as follows:		
Deposited in Broadway Savings Bank,	$1173 75	
Deposited in Lowell Five Cent Savings Bank,	478 90	
		$1652 65

Issue of 1893.

To redeem bonds Nos. 171 to 180 inclusive.

To balance Jan. 10, 1899,		$1085 42
Received from Town of Andover,		150 00
Received from interest from Andover Savings Bank,		34 18
Received from interest from Central Savings Bank,		12 62
		$1282 22

Invested as follows:		
Deposited in Andover Savings Bank,	$880 78	
Deposited in Central Savings Bank,	401 44	
		$1282 22

Issue of 1895.

To redeem bonds Nos. 181 to 195 inclusive.		
To balance Jan. 10, 1899,		$1220 73
Received from Town of Andover,		225 00
Received from interest from Haverhill Savings Bank,		39 92
Received from interest from Lawrence Savings Bank,		16 13
		$1501 78
Invested as follows:		
Deposited in Haverhill Savings Bank,	$1028 86	
Deposited in Lawrence Savings Bank,	472 92	
		$1501 78

Issue of 1898.

To redeem bonds Nos. 196 to 200 inclusive.	
To balance Jan. 10, 1899,	$505 00
Received from Town of Andover,	75 00
Received from interest from Mechanics Savings Bank,	21 90
	$601 90
Invested as follows:	
Deposited in Mechanics Bank,	$601 90

Sewer Loan.

Received from premium on bonds, 1898,		$6664 00
Received from interest on bonds,		120 00
		$6784 00
Paid premium and interest on bonds,		235 34
		$6548 66

Invested as follows:		
Six (6) Andover Sewer Bonds,	$6000 00	
Deposited in Salem Five Cent Savings Bank,	548 66	
		$6548 66

Balance Jan. 10, 1899,	$6548 66
Received from premium on bonds sold,	474 00
Received from interest on bonds sold,	257 50
Received from interest Salem Five Cent Savings Bank,	13 94
	$7294 10
Paid premium and interest on bond redeemed,	25 42
	$7268 68

Invested as follows:		
Seven (7) Andover Sewer Bonds,	$7000 00	
Salem Five Cent Savings Bank,	268 68	
		$7268 68

JOHN H. FLINT,
FELIX G. HAYNES,
J. P. BUTTERFIELD,
WILLIAM S. JENKINS,
JOHN L. SMITH,
Sinking Fund Commissioners.

FINANCIAL STATEMENT

BOARD OF PUBLIC WORKS

Maintenance Account.

John E. Smith, superintendent,	$550	43
Geo. E. Hussey, clerk and asst. supt.	322	42
Geo. W. Spickler, engineer,	790	00
National Meter Co., parts of meters,	11	50
Chas. F. Mayer, repairs on harness,	4	90
Andover Electric Co., repairing telephone,	4	35
Chapman Valve Co., valves,	3	98
American Express Co., express,	3	25
Treat Hardware & Supply Co., waste,	10	51
W. H. Higgins, board of horse,	168	75
Andover Press, printing,	44	95
Smith & Manning, kerosene and supplies,	28	44
Boston and Maine Railroad,	140	91
John Schofield, labor,	34	95
Geo. Gutnrie, labor,	362	91
Herbert Wright, labor,	41	65
William Fairley, labor,	3	50
Arthur Bliss, P. M. stamps,	54	40
John Guthrie, labor,	58	22
James Ronan, labor,	18	66
William Lynch, labor,		89
E. W. Bieglow & Co., oil,	139	75
Neptune Meter Co., parts of meters,	6	00
Henry Harmon, slating,	6	82
Jas. J. Abbott, wood,	71	30
Bangs & Horton, coal,	560	81
Amount carried forward,	$3444	25

Amount brought forward,	$3444 25
Garlock Packing Co., packing,	16 27
Frank E. Gleason, wood and coal,	116 13
Jos. Mellonson, labor,	23 18
Henry McLawlin, hardware,	22 27
Geo. W. Chandler, teaming,	83 79
Anderson & Bowman, blacksmith work,	26 05
Nightingale & Childs, covering boiler,	81 60
Walworth Mfg. Co., valves,	6 25
Wm. J. Butterfield, labor,	7 69
Jas. Deveau, labor,	26 30
G. Lewis Burnham, labor,	61 24
Mike Gill, labor,	13 03
E. N. Sampson, clerical work,	16 66
Geo. Mander, care filter beds,	182 65
Abm. Wildrick, labor,	12 93
W. F. Rutter & Co., pipe fittings,	6 77
Boston Bolt Co., bolts,	3 55
A. W. Colby, painting wagon,	20 00
A. W. Chesterton & Co., packing,	51 93
J. A. O'Brien, labor,	20 03
Chas. G. Hussey, labor,	18 60
Malachi Clinton, labor,	2 22
Wright Stafford, setting boiler flues,	3 65
Alden Speare Sons & Co., oil,	11 55
Underhay Oil Co., oil,	3 50
The Fairbanks Co., valves,	16 00
Tuttle's Express, expressing,	1 05
J. D. Driscoll, labor,	89
B. Servene, labor,	9 37
Henry J. Cunningham, labor,	100 33
Geo. H. Soule, engineer,	42 92
John Bordgier, labor,	5 15
Amount carried forward,	$4457 80

Amount brought forward,	$4457 80	
Scalvene Matteo, labor,	1 60	
Thomas Gray, labor,	1 87	
John Welch, labor,	97	
H. L. White, house inspection,	24 00	
Patrick Moynihan, labor,	88	
Daniel Kelly, labor,	1 60	
George W. Jeffrey, clerical work,	80 00	
Hardy & Cole, stock and labor,	135 74	
Jas. Duggan, labor,	88	
Geo. A. Higgins, stationery,	10 50	
Geo. W. Knowlton, packing,	11 90	
New Eng. Tel. & Tel. Co. rent of telephone,	31 66	
Ira B. Hill, horse hire,	33 00	
Crosby Steam Gage & Valve Co., valves,	3 10	
L. M. Crane & Co., oil,	23 18	
Sumner & Goodwin Co., pipe and fittings,	8 91	
E. C. Pike, pipe and fittings,	75	
John Gill, labor,	1 85	
Fire & Water, subscription,	3 00	
Louis A. Dane, repairing telephone,	1 00	
Samuel Smith, bolt forging,	2 25	
Hart. S. Boiler & Inspection Co. Insurance,	75 00	
Deane Steam Pump Co., valve crank,	4 03	
Benj. Brown, rubber boots,	4 50	
Geo. Saunders, pipe and fittings,	5 46	
F. G. Haynes & Co., spikes and nails,	7 50	
		$4932 93

Credit

New Eng. Telephone & Telegraph Co.	$5 75	
Gutterson & Gould,	5 93	
On and Off water,	3 00	
Pearson Brothers,	13 31	
West Church Society,	2 63	
		$30 62

WATERWORKS.

Waterworks. Receipts.

New England Tel. and Tel. Co.,	$5 75	
Gutterson & Gould,	5 93	
On and Off water,	3 00	
Pearson Bros.,	13 31	
West Church Society,	2 63	
North Andover Waterworks,	40 96	
Various parties Service pipe and Meters,	761 19	
Methuen Waterworks,	46 41	
Chas. A. Newhall,	45 90	
Wm. M. Wood,	90	
J. W. Leitch,	35 00	
Water Rates,	9376 29	
		$10337 27

Credit.

Paid to Geo. A. Parker,		
Water Rates,	$9376 29	
Pipe Account,	960 98	
		$10337 27

Service Pipe.

John E. Smith, Supt.,	$ 30 00
George E. Hussey, Asst. Supt.,	34 51
Tuttle's Express, expressing,	3 10
Neptune Meter Co., meters,	214 20
The Sumner & Goodwin Co., pipe and fittings,	225 97
Boston & Maine R. R. Co., freight,	25 77
Amount carried forward,	$533 55

Amount brought forward,	$533	55
John Schofield, labor,	28	81
George Guthrie, labor,	120	33
John Guthrie, labor,	42	02
David Guthrie, labor,	1	60
Geo. Saunders, pipe and fittings,	2	65
W. H. Higgins, board of horse,	15	50
National Meter Co., meters,	84	00
John Gill, labor,	15	31
Arthur Slane, labor,	1	33
John Bordgia, labor,	7	75
Henry Cunningham, labor,	21	94
G. Lewis Burnham, labor,	27	25
B. Servene, labor,	7	55
Dennis Riley, labor,	1	33
Terrance Carroll, labor,	3	11
E. C. Pike, pipe and fittings,	51	86
Coffin Valve Co., valves,	50	00
Michael Gill, labor,	20	15
John A. O'Brien, labor,	1	36
Charles G. Hussey, labor,	10	99
Charles McCarty, labor,	1	75
Patrick McAvoy, labor,	1	60
Wm. Caffrey, jr., labor,	1	24
Henry McLawlin, hardware,		5
Boston Lead Mfg. Co., lead pipe,	11	45
Walworth Mfg. Co., valves,	13	88
American Express Co., expressing,	2	40
John Welch, labor,	1	75
Italian No. 3, labor,		66
Italian No. 8, labor,		33
Italian No. 9, labor,	1	00
Italian No. 10, labor,		33
Malachi Clinton, labor,	4	36
Amount carried forward,	$1089	19

Amount brought forward,	$1089 19	
Hardy & Cole, meter box,	5 00	
Lead Lined Iron Pipe Co., pipe and fittings,	74 76	
Anderson & Bowman, blacksmith work,	6 25	
Geo. Woodman, stop cocks,	7 20	
James Ronan, labor,	8 39	
Daniel Kelley, labor,	1 24	
Dennis Driscoll, labor,	3 03	
Abraham Wildrick, labor,	12 34	
Hersey Mfg. Co., meters,	42 00	
Chadwick Works, lead pipe,	52 73	
G. W. & F. Smith Iron Co., stand pipes,	36 00	
W. F. Rutter & Co., pipe fittings,	1 55	
Geo. W. Chandler, teaming,	1 50	
Smith & Manning, supplies,	1 87	
James Duggan, labor,	2 66	
		$1345 71

Credit to Service Pipe.

No. Andover Waterworks,	$ 40 96	
Various parties' service pipes and meters,	761 19	
		$802 15

Pipe Distribution.

John E. Smith, Supt.,	$ 59 62
Tuttle's Express, expressing,	1 00
Walworth Mfg. Co., specials,	11 13
Boston & Maine R. R. Co., freight,	3 90
George Guthrie, labor,	28 60
W. F. Rutter & Co., specials,	32 49
Geo. W. Chandler, teaming,	38 25
Ludlow Valve Mfg. Co., valves and boxes,	41 48
Amount carried forward,	$216 47

Amount brought forward,	$216 47
Richards & Co., lead,	90 82
Loring N. Farnum, ledge work,	96 95
Malachi Clinton, labor,	6 74
Thomas Joyce, labor,	4 08
Italian No. 3, labor,	1 50
Italian No. 8, labor,	3 01
Italian No. 9, labor,	3 00
Italian No. 10, labor,	3 01
Italian No. 16, labor,	6 61
Italian No. 17, labor,	6 61
Italian No. 18, labor,	6 61
Italian No. 19, labor,	6 61
Italian No. 20, labor,	6 61
Italian No. 21, labor,	6 61
James Ronan, foreman,	33 63
Charles G. Hussey, labor,	17 84
John A. O'Brien, labor,	7 00
John Guthrie, labor,	28 85
Michael Gill, labor,	16 43
Charles McCarty, labor,	8 94
John Welch, labor,	5 25
James Deveau, labor,	11 47
B. Servene, labor,	30 31
John Bordgier, labor,	28 54
Scalvini Matteo, labor,	3 55
Patrick Moynihan, labor,	3 91
Daniel Kelley, labor,	5 15
Thomas Gray, labor,	3 20
Henry J. Cunningham, labor,	26 06
John Schofield, labor,	22 94
John D. Driscoll, labor,	8 33
George E. Hussey, Asst. Supt.,	15 33
Anderson & Bowman, blacksmith work,	6 30
Amount carried forward,	$748 27

Amount brought forward,	$748 27	
John Gill, labor,	19 15	
G. Lewis Burnham, labor,	18 16	
Abraham Wildrick, labor,	23 72	
Smith & Manning, dynamite,	26 42	
W. H. Higgins, board of horse,	13 00	
Daniel Sullivan, labor,	5 33	
John Connelly, labor,	1 60	
American Express Co., expressing,	35	
Jerry Leary, teaming,	9 00	
Geo. W. Harrington, jute packing,	6 30	
North Andover Waterworks, specials,	7 50	
		$878 80

Credit to Pipe Distribution.

Methuen Waterworks, pipe,	$46 41	
Charles A. Newhall, pipe,	45 90	
Wm. M. Wood, dynamite,	90	
		$93 21

Tools.

Andover Electric Light Co., pocket lamp,	$5 20	
Henry McLawlin, wrenches, etc.,	1 45	
Anderson & Bowman, blacksmithing,	1 50	
Boston & Maine R. R. Co., freight,	1 00	
Treat Hardware & Supply Co., tools,	5 25	
Hardy & Cole, lumber,	5 80	
John E. Smith, labor,	6 00	
George Guthrie, labor,	2 01	
G. Lewis Burnham, labor,	2 34	
		$30 55

Credit.

J. W. Leitch, pipe lining machine,	$35 00	
		$35 00

Office Fixtures.

Andover Electric Light Co., wiring,	$5 20	
		$5 20

Construction Expenses.

L. L. Gerry, beam compasses,	$6 00	
		$6 00

Pumping Plant.

Mason Regulator Co., damper regulator,	$80 00	
		$80 00

Land Damages.

DeCourcey & Coulson, award for islands, Haggetts Pond,	$436 50	
		$436 50

Summary of Approved Bills.

Maintenance,	$4932 93	
Service Pipe,	1345 71	
Pipe Distribution,	878 80	
Tools,	30 55	
Office Fixtures,	5 20	
Construction Expenses,	6 00	
Pumping Plant,	80 00	
Land Damages,	436 50	
		$7715 69

Cost of Construction.

Office Fixtures,	$ 497 73	
Reservoir,	11074 59	
Buildings at Pumping Station,	9433 69	
Coal Shed,	806 97	
Pipe Distribution,	128856 24	
Service Pipe,	12532 81	
Construction Expenses,	6703 77	
Suction Pipe,	1309 46	
Pumping Plant,	26732 37	
Grading Land,	1739 12	
Tools,	1373 04	
Teams,	474 90	
Work Shop,	1259 62	
Water and Land Damages,	4133 30	
Telephone,	74 63	
		$207002 24

SEWER DEPARTMENT.

Filter Beds.

John E. Smith, supt.,	$107 62
Charles G. Hussey, labor and team,	114 34
Michael Heffernan, labor,	110 20
Albert A. Hardy, labor and team,	144 00
Geo. D. Ward, labor and team,	147 50
Con. Sweeney, labor,	113 30
John Riley, labor,	65 66
Daniel Collins, labor,	49 95
Patrick Mooney, labor,	44 08
Geo. Mander, labor and team,	425 14
Thomas Joyce, labor,	41 24
Nicholas Commean, labor,	35 91
Joseph Mellonson, labor,	12 44
James Pasho, labor,	97 39
Harry Dwight, labor,	55 54
Watkins Dwight, labor,	21 68
Italian No. 11, labor,	86 47
Italian No. 15, labor,	33 78
Italian No. 12, labor,	83 78
Italian No. 2, labor,	62 57
Italian No. 3, labor,	27 83
Italian No. 5, labor,	65 48
Italian No. 7, labor,	60 09
Italian No. 8, labor,	31 58
Italian No. 9, labor,	32 25
Italian No. 10, labor,	31 49
Italian No. 13, labor,	33 66
Italian No. 14, labor,	62 24
Italian No. 4, labor,	5 17
Amount carried forward,	$2202 38

Amount brought forward,	$2202 38
Italian No. 6, labor,	5 17
Italian No. 1, labor,	9 50
William Nagle, labor,	88
Charles Davis, labor,	19 20
John O'Collins, labor and team,	98 80
Arthur Slane, labor,	14 75
Owen Sullivan, labor,	1 78
Herbert Williams, labor,	1 60
J. E. Pitman, lumber,	2 00
James Grieves, labor,	6 60
Geo. W. Chandler, teaming,	9 00
Tuttle & Morrison, blacksmithing,	2 65
Wm. H. Welch & Co., akron pipe,	26 30
Boston & Maine R. R. Co., freight,	9 80
Michael Gill, labor,	14 00
John Guthrie, labor,	14 00
Walter French, teaming,	7 99
E. C. Pike, tin dipper,	1 25
Waldo Bros., cement,	184 00
W. H. Higgins, horse hire,	4 50
William Cafferty, labor,	138 15
Dennis Collins, labor,	52 07
James Duggan, labor,	71
John Schofield, labor,	55 99
Patrick McAvoy, labor,	3 92
J. N. Crow, ladder,	1 80
R. A. Flanders, brick,	30 60
Henry McLawlin, hardware,	2 48
Smith & Manning, cheese cloth,	20 60
Hardy & Cole, lumber,	70 66
T. P. Harriman, blacksmithing,	3 20
Edward Caffney, labor,	24 89
Dennis Riley, labor,	89 92
Amount carried forward	$3131 14

Amount brought forward,	$3131 14	
John McLaughlin, labor,	35 55	
Herbert Bailey, labor,	49 33	
John Gill, labor,	95 00	
Abraham Wildrick, labor,	117 75	
Thomas Leary, labor,	63 54	
William Shaw, labor,	89 21	
Joseph Nelson, labor,	36 08	
Daniel Sullivan, labor,	16 88	
Louis Davis, labor,	13 52	
		$3648 00

Blow Off Beds.

Albert Chadwick, stones,	$ 2 64	
Thomas Ethridge, mason work,	24 67	
		$27 31

Land and Shop.

George E. Hussey, asst. supt.,	$ 7 00	
George Guthrie, labor,	14 00	
John A. O'Brien, labor,	47 92	
John Schofield, labor,	9 23	
Chas. McCarty, labor,	47 24	
John Welch, labor,	19 44	
Con. Sullivan, labor,	18	
Henry J. Cunningham, labor,	5 15	
James Deveau, labor,	5 83	
J. D. Driscoll, labor,	74 80	
Abraham Wildrick, labor,	1 25	
Scalvini Matteo, labor,	22 93	
Charles G. Hussey, labor,	9 95	
B. Servene, labor,	6 76	
John Bordgia, labor,	25 95	
Amount carried forward,	$297 63	

Amount brought forward,	$297 63	
Terrance Carroll, labor,	12 80	
Henry McLawlin, hardware,	60	
Loring N. Farnum, blasting ledge,	222 75	
Hardy & Cole, land and labor,	2574 41	
W. J. Jones, stone bounds,	14 00	
James Ronan, labor,	10 75	
John Guthrie, labor,	4 93	
Michael Gill, labor,	2 32	
Malachi Clinton, labor,	3 02	
Patrick Moynihan, labor,	5 32	
James Duggan, labor,	3 73	
Daniel Kelley, labor,	3 90	
Thomas Gray, labor,	11 46	
Dennis Driscoll, labor,	8 69	
A. R. Sanborn, registering deeds,	65	
W. F. Rutter, iron fittings,	4 38	
E. C. Pike, soil pipe,	2 41	
		$3183 75

Pump House.

Boston & Maine R. R., freight,	$ 12 36
L. M. Ham & Co., iron beams,	47 60
George E. Hussey, asst. supt.,	6 00
James Ronan, foreman,	11 29
John Schofield, labor,	37 15
Chas. McCarty, labor,	20 22
Michael Gill, labor,	16 95
Malachi Clinton, labor,	8 19
John Welch, labor,	8 85
Con. Sullivan, labor,	54
Patrick McAvoy, labor,	7 58
Amount carried forward,	$176 73

Amount brought forward,	$176 73	
Henry J. Cunningham, labor,	20 18	
James Deveau, labor,	7 09	
Abraham Wildrick, labor,	1 64	
John Guthrie, labor,	17 91	
Charles G. Hussey. labor,	14 90	
Wm. Caffrey, jr., labor,	36	
Arthur Slane, labor,	8 00	
Dennis Riley, labor,	8 09	
Henry McLawlin, hardware,	1 50	
Geo. W. Chandler, grading land,	103 88	
John E. Smith, supt.,	5 62	
Hardy & Cole, lumber and labor,	28 30	
Frank Powers, labor,	1 60	
J. D. Driscoll, labor,	13 11	
Jas. Duggan, labor,	1 51	
Daniel Kelley, labor,	88	
Davis & Furber Machine Co., iron plates,	23 06	
W. H. Higgins, horse hire,	6 00	
Wright Stafford, screens,	70 48	
Anderson & Bowman, blacksmith work,	75	
George Guthrie, labor,	23 89	
G. Lewis Burnham, labor,	10 83	
B. Servene, labor,	8 36	
Marland Mills, gravel,	13 80	
		$568 52

Underdrain.

George E. Hussey, asst. supt.,	$ 7 00	
James J. Abbott, gravel,	5 70	
Town of Andover, (Highway Dept.,)	58 50	
Portland Stoneware Co., pipe,	459 66	
James Ronan, foreman,	4 88	
Amount carried forward,	$535 74	

Amount brought forward,	$535 74
George Guthrie, repair hand,	8 00
John A. O'Brien, labor,	15 84
John Schofield, labor,	8 00
Chas. McCarty, labor,	27 52
Cornelius Sullivan, labor,	54
Patrick McAvoy, labor,	6 80
Henry J. Cunningham, labor,	1 96
James Deveau, labor,	26 83
Louis A. Davis, labor,	9 96
John Gill, labor,	6 40
John D. Driscoll, labor,	13 00
John Guthrie, labor,	2 61
Charles G. Hussey, labor,	3 56
Scalvini Matteo, labor,	19 55
B. Screvene, labor,	11 29
John Borger, labor,	23 90
John McGinley, labor,	53
Wm. Caffrey, jr., labor,	54
Arthur Slane, labor,	54
Dennis Riley, labor,	2 68
George H. Soule, engineer,	37 78
Henry McLawlin, hardware,	53
Geo. W. Chandler, teaming,	212 25
Hardy & Cole, lumber,	26 17
Frank Powers, labor,	3 29
John Welch, labor,	1 75
Malachi Clinton, labor,	2 31
Patrick Moynihan, labor,	5 51
James Duggan, labor,	4 71
Daniel Kelley, labor,	3 20
Thomas Gray, labor,	8 27
Frank E. Gleason, teaming,	73 00
Treat Hardware & Supply Co., akron pipe,	2 84
Amount carried forward,	$1107 40

Amount carried forward,	$1107 40	
Anderson & Bowman, blacksmith work,	3 50	
Good Roads Machine Co., piece of crusher,	3 50	
Loring N. Farnham, contract,	3062 97	
		$4177 37

Common Sewer.

George E. Hussey, asst. supt.,	$ 2 00	
W. H. Higgins, board of horse,	13 50	
E. M. & W. A. Allen, telephone,	1 05	
Ludlow Valve Mfg. Co., valves,	13 55	
Boston & Maine R. R. Co., freight,	197 18	
Hardy & Cole, lumber,	145 27	
James Ronan, labor,	15 48	
George Guthrie, labor,	41 23	
G. Lewis Burnham, labor,	10 17	
John Schofield, labor,	27 16	
Michael Gill, labor,	7 62	
Malachi Clinton, labor,	3 80	
Con. Sullivan, labor,	1 19	
John Welch, labor,	3 20	
Patrick McAvoy, labor,	2 00	
Henry J. Cunningham, labor,	14 77	
James Deveau, labor,	13 03	
Louis Davis, labor,	1 26	
John Gill, labor,	16 06	
Abraham Wildrick, labor,	3 95	
John Guthrie, labor,	5 97	
Charles G. Hussey, labor,	10 31	
B. Servene, labor,	10 67	
Wm. Caffrey, jr , labor,	3 29	
Arthur Slane, labor,	2 40	
Dennis Riley, labor,	2 30	
Amount carried forward,	$568 41	

Amount brought forward,	$568 41	
Portland Stoneware Co., pipe,	1771 23	
Mechanics Iron Foundry Co., frames and covers,	335 41	
Henry McLawlin, hardware,	3 65	
Waldo Bros., cement,	765 45	
Smith & Manning, cheese cloth,	10 60	
R. A. Flanders, brick,	352 00	
Frank Powers, labor,	80	
John A. O'Brien, labor,	29	
John Bordgier, labor,	15 82	
Patrick Moynihan, labor,	45	
James Duggan, labor,	1 60	
Daniel Kelley, labor,	1 15	
Thomas Gray, labor,	1 33	
Scalvini Matteo, labor,	27	
E. C. Pike, akron pipe,	1 06	
Anderson & Bowman, blacksmithing,	30	
Loring N. Farnham, contract,	11574 56	
		$15404 38

Tools.

Thomas O'Brien, pump,	$35 00	
Anderson & Bowman, blacksmith work,	35	
Perrin, Seamans & Co., tools,	74 67	
Boston & Maine R. R. Co., freight,	25	
Henry McLawlin, tools,	16 81	
The A. P. Smith Mfg. Co., lead furnace,	60 00	
		$187 08

Administration.

John E. Smith, Supt.,	$138 00	
Edward N. Sampson, clerical work,	133 32	
		$271 32

Screen Chamber.

Frank Powers, labor,	$ 1 06	
Charles G. Hussey, labor,	1 95	
John Guthrie, labor,	87	
James Ronan, labor,	37	
Michael Gill, labor,	87	
Malachi Clinton, labor,	80	
Henry J. Cunningham, labor,	80	
James Devenu, labor,	2 82	
B. Screvne, labor,	97	
James Dugan, labor,	27	
Abraham Wildrick, labor,	1 07	
Anderson & Bowman, blacksmith work,	27 00	
Loring N. Farnum, mason work,	24 25	
		$43 10

Land Damages.

L. F. Murch, manure,	$ 44 08	
Mrs. F. S. Smith, land,	1200 00	
John Schofield, setting bounds,	1 75	
John Welch, labor,	1 75	
J. D. Driscoll, labor,	9 14	
Mrs. Margaret Hannon, right of way,	250 00	
A. R. Sanborn, recording deeds,	16 18	
W. H. Higgins, horse hire,	1 50	
Andover National Bank, revenue stamps,	1 00	
Trustees Phillips Academy, right of way,	500 00	
Geo. A. Parker, stamps,	50	
Daniel A. Collins, right of way,	40 00	
John A. O'Brien, labor,	20	
Louis Davis, labor,	1 60	
George Mander, labor,	16 23	
		$2083 93

Settling Tank.

Boston & Maine R. R. Co., freight,	$1 70	
		$1 70

Office Fixtures.

Smith Premier Typewriter Co., typewriter,	$102 50	
		$102 50

Pumps.

Henry R. Worthington, sewer pump,	$1203 50	
W. F. Rutter & Co., pipe and labor,	15 60	
		$1219 10

Engineering Expenses.

John E. Smith, engineer,	$ 673 37	
Edward N. Sampson, transitman,	583 28	
Geo. W. Jeffrey, draftsman,	280 27	
Geo. E. Hussey, asst.,	35 00	
Stewart Smith, rodman,	4 00	
Walter Lamont, rodman and inspector,	192 67	
Fred A. Andrews, rodman,	15 75	
G. Lewis Burnham, rodman and inspector,	100 67	
Geo. Guthrie, labor,	44	
Edward Carter, inspector,	97 50	
Henry McLawlin, hardware,	2 29	
Perrin, Seamans & Co., tapes,	25 23	
Frost & Adams, supplies,	25 08	
American Express, express,	1 90	
A. J. Wilkinson, tape tool,	2 40	
Wm. H. Higgins, horse hire,	4 50	
McClintock & Woodfall, contract,	2901 96	
W. & L. E. Gurley, repairs on transit,	21 50	
Samuel Thaxter & Sons, Y level and rod,	100 00	
Smith & Manning, mirrors,	1 30	
Anderson & Bowman, blacksmithing,	1 40	
Geo. A. Higgins, paper,	3 10	
W. J. Jones, bound stones,	31 00	
		$5104 61

Summary of Approved Bills.

Filter Beds,	$ 3648 00	
Blow Off Beds,	27 31	
Common Sewer,	15404 38	
Underdrain,	4177 37	
Pump House,	568 52	
Screen Chamber,	43 10	
Tools,	187 08	
Administration,	271 32	
Engineering Expenses,	5104 61	
Land Damages,	2083 93	
Settling Tank,	1 70	
Office Fixtures,	102 50	
Pumps,	1219 10	
Land and Shop,	3183 75	
House Connections,	4388 04	
		$40410 71

Summary Cost of Constructions.

Filter Beds,	$17542 16	
Common Sewers,	57150 66	
Blow Off Beds,	1697 09	
Underdrains,	12422 07	
Tools,	572 20	
Settling Tank,	1032 95	
Pump House,	1064 67	
Land Damages,	4150 38	
Engineering Expenses,	11022 42	
Administration,	407 31	
Office Fixtures,	130 90	
Screen Chamber,	43 10	
Pumps,	1219 10	
Land and Shop,	183 75	
		$108638 76

HOUSE CONNECTIONS.

John E. Smith, superintendent,	$138 86
Geo. E. Hussey, clerk and asst. supt.	255 76
Geo. Guthrie, labor,	49 65
Hardy & Cole, lumber,	144 42
John Guthrie, labor,	226 40
W. F. Draper, setting glass,	4 14
Geo. Saunders, iron pipe,	160 00
W. H. Higgins, board of horse,	122 50
Henry J. Cunningham, labor,	104 32
B. Screvene, labor,	120 77
Hugh Gallagher, labor,	16 17
Nicholas Commean, labor,	5 51
G. Lewis Burnham, labor,	90 24
Michael Gill, labor,	165 68
Virley Stephenson, labor,	8 71
John Schofield, labor,	108 30
Geo. W. Jeffrey, engineering,	49 00
Dennis Riley, labor,	40 69
Abm. Wildrick, labor,	148 08
Jos. Olroyed, labor,	7 29
Patrick Conway, labor,	4 80
Wm. Baker, labor,	2 40
Thomas Joyce, labor,	19 54
John Bordgia, labor,	98 06
James Deveau, labor,	85 64
John A. O'Brien, labor,	73 70
Thomas O'Brien, labor,	2 72
John Welch, labor,	85 49
Patrick McAvoy, labor,	39 78
Wm. Caffrey, jr., labor,	60 26
Amount carried forward,	$2438 88

Amount brought forward,	$2438 88
Jos. Mellonson, labor,	1 60
J. D. Driscoll, labor,	43 33
James Ronan, foreman,	254 07
Chas. McCarty, labor,	52 31
John Gill, labor,	124 13
Con. Sullivan, labor,	70 94
Peter Dugan, labor.	3 20
Terrance Carroll, labor,	30 16
Louis Davis, labor,	47 35
Malachi Clinton, labor,	93 87
Arthur Slane, labor,	43 72
Smith & Manning, cheese cloth, oil, etc.	75 18
Chas. G. Hussey, labor,	94 92
Scalvini Matteo, labor,	67 63
Edson Mfg. Co. pump diaphrams,	5 70
Boston & Main R. R. Co. freight,	32 26
Henry McLawlin, hardware,	3 45
R. A. Flanders, brick,	81 60
Geo. W. Chandler, teaming,	21 25
Portland Stoneware Co., pipe,	244 41
Frank Powers, labor,	16 36
Patrick Moynihan, labor,	52 97
James Dugan, labor,	43 73
Dan'l Kelley. labor,	54 06
Thomas Gray, labor,	31 73
Dennis Driscoll, labor,	36 09
Broad Gage Iron Works, Cistern covers,	9 51
Fisk & Co. cement,	22 00
Italian No. 3, labor,	8 34
Italian No. 8, labor,	9 99
Italian No. 9, labor,	9 33
Italian No. 10, labor,	9 99
Henry W. Cunningham, concreting,	84 50
Amount carried forward,	$4218 56

Amount brought forward,	$4218 56	
E. C. Pike, pipe,	9 51	
Anderson & Bowman, blacksmithing,	44 40	
Henry McShane Mfg. Co., iron soil pipe,	93 75	
Treat Hardware & Supply Co., pipe,	6 12	
Dennis Sweeney, 2nd., blacksmithing,	4 70	
Wm. H. Jowett, sand,	5 00	
Italian No. 13, labor,	6 00	
		$4388 04

SUPERINTENDENT'S REPORT.

To the Board of Public Works:

The total length of Water Mains laid during 1899 was 1087.5 feet, 370 feet of 8 inch and 717.5 feet of 6 inch pipe.

One hydrant and three valves have been added to the system. The total number of public hydrants now in service is 194. Pipe has been laid as follows.

Main street from Bancroft's Road, 370 feet of 8 inch, 9.5 feet of 6 inch pipe, 1 hydrant.

Haverhill street from David Middleton's, east 215 feet of 6 inch pipe.

To Shop in Pipe Yard, 187 feet of 6 inch pipe, 2 valves.

To Sewer Pump House, 121 feet of 6 inch pipe, 1 valve.

24 applications for service pipes were received and 26 services have been laid, 1 service has been discontinued. The total number of applications to date is 871, total number of services in use 845, total number of meters 616.

Two Standpipes for Street watering have been erected for the Street Department and one for private parties.

To insure the safety of the 8 inch pipe crossing the river on Central street, the drinking trough formerly located at the junction of Central and Railroad Streets was moved across the river, to the corner of Central and Mineral streets.

Schedule of Service Pipe.

	Kind,	Cement Lined	Lead Lined.	Tarred	Lead.	Cast-Iron.	Total.
Laid during 1899.		¾, 1, 1½ In.	¾, 1, 1½ & 2 In.	2 & 2½ Inches.	⅝ & 1 Inch.	4 Inch.	
	No. of Services,		26				26
	Owned by Town,		709.0				709.0
	Owned by Individ		930.3				930 3
	Total for 1899,		1639. 3				1639.3
Previously Reported,	No. of Services,	642	163	5	6	3	819
	Length in feet,	47582.3	10733.0	643.0	817.0	738.2	60224.6
Total Jan. 10, 1900,	No. of Services,	642	189	5	6	3	845
	Length in feet,	47582.3	12372.3	643.0	817.0	738.2	61863.9

Owing to changes made by the Town in the Yard on Park street, it became necessary for this department to find another location for yard and pipe shop. By vote of the Town a lot of land bordering on the B. & M. R. R. was purchased from Hardy & Cole and the shop moved thereto. The lot obtained is admirably adapted for the purpose, containing as it does a spur track and ample room for storing both Water and Sewer pipes. The appropriation made by the Town, $5000, was insufficient to properly do all of the work required, the balance $183.93 has been charged to Sewer construction.

Contracts for Sewer construction were made early in the season, the work was completed early in September.

Contracts were awarded as follows,

Akron pipe, Portland Stoneware Co.

Rings and Covers, Mechanics Iron Foundry.

Construction, Loring N. Farnum.

Cement was purchased from Waldo Bros. Crushed stone and gravel were furnished by day labor. The location, size, and length of sewers and underdrains, constructed during 1899, are

Sewers.

Street.	10 in.	8 in.	6 in.	Total.
Chestnut, . . .		462.0		462.0
Chickering Court, .			233.9	233.9
Elm Court, . .			515.6	515.6
Highland Road, .	1118.4			1118.4
Main, . . .		414.0	593.0	1007.0
Porter, . . .		1362.8	975.0	2337.8
Private land, . .	1578.4			1578.4
Salem, . . .		249.7	2042.5	2292.2
Summer, . . .		1184.3		1184.3
Washington Ave., .			1426.2	1426.2
Whittier, . . .			300.0	300.0
	2696.8	3672.8	6086.2	12355.8

Underdrains.

Street.	6 in.	5 in.	4 in.	Total.
Chestnut, . . .		462.0		462.0
Chickering Court, .			233.9	233.9
Highland Road, .	1118.4			1118.4
Main, . . .		414.0		414.0
Porter, . . .		1362.8		1362.8
Private land, . .	741.1		921.3	1662.4*
Salem, . . .			1142.5	1142.5
Summer, . . .		1184.3		1184.3
Washington Ave., .			1299.0	1299.0
Whittier, . . .			300.0	300.0
	1859.5	3423.1	3896.7	9179.3

*85 feet laid in separate trench.

This section owing to the large amount of ledge encountered was expensive to build, no special difficulties were met and owing to the very dry season, tight work was easily obtained. The work of the Contractor, Loring N. Farnum, has been very faithfully done, he has willingly done everything required of him, settlement with him was on the regular estimates, no question of the meaning of the specifications or of extras was brought forward by him, at any time.

The filtration area, Blow off Beds, Pump House and Pumps, have been completed as designed, with the exception of Filter Bed No. 11, which is left a foot below grade. This work was done under the direction of McClintock & Woodfall as engineers.

The necessary engineering for preliminary and construction work, assessment and record plans, for the sewer construction for the year, has been done by employees of this Department. In addition, preliminary surveys, plans and estimates have been made for that portion of the system which has been accepted by the Town, which has not yet been constructed. General assessment surveys and plans, showing the assessable frontages and areas for the same have also been made.

MONTHLY RECORD OF PUMPING SERVICE, 1899

Month.	Days.	Time.	Lift, including friction and suction.	LBS. COAL USED.			Gallons pumped.	DUTY Ft. lbs. with 100 lbs. Coal.		Average daily consumption.
				Pumping.	Banking Starting, Etc.	Total.		By coal used pumping.	By total coal used.	
		H M	ft.							gallons.
January	22	148 20	323	34,050	6,450	40,500	10,710,659	84,735,939	71,240,956	345.505
February	20	139 50	330	28,500	7,300	35,800	9,956,310	96,069.657	76.480,035	355.583
March	22	156 05	330	34,600	4.400	39,000	11,285.807	89,699,333	79,574,083	364,068
April	21	146 35	320	37.200	4,400	41,600	10,458,768	75,033.226	67,097.500	348,625
May	22	185 50	330	301,50	4,400	34,550	13,205,175	120,445.213	105,106.310	425,980
June	25	210 30	330	33,700	5,000	38,700	15,122,919	123,406,609	107,462,602	504,097
July	27	196 00	330	32,625	5,000	37,625	14,187,082	119.602,900	103.692.900	457,648
August	27	201 00	330	32,760	5,400	38,160	13,616,610	114,303,044	98,128.083	439,245
September	24	164 50	330	28.250	4,800	33,050	11,882,962	115.674,085	98,874,873	396.099
October	23	168 15	330	32,050	4,600	36,650	11,964,863	102,662,631	89,777,280	385,963
November	21	163 10	330	28,300	4,400	327,00	11.752,249	114,200.299	98,833.899	391,741
December	23	132 30	359	23,650	5,750	29,400	9,116,849	106,009,876	85,276,488	294,092
Totals	277	2012 55	329	375,835	61,900	437,735	143.260,253	104,590,067	89,800,011	392,495

In addition to the regular work of this Department, two new streets have been laid out, grades established and stakes set. Stakes have been set whenever requested for the Highway Department.

A variety of small engineering jobs have been done for the Selectmen, in all cases record plans have been made and are on file.

House connection work has been under the direct supervision of George E. Hussey, who reports as follows.

"The work of connecting houses with the main sewer began May 11th, and continued to Nov. 7th., during that time 151 connections were made, through which the sewage from 169 buildings is drained. These connections make a total length, laid during the year, of 9659 feet, the total cost was $4385.81, an average of 45 cents per linear foot. In this construction, 1168 feet of iron extra heavy soil pipe, 8491 feet of akron pipe were used and ten manholes built. Applications received during the year, 102. Number of house connections made 151.

Total number of applications to date 212. Total number of house connections, 206."

Maintenance.

Notwithstanding the extreme dryness of the season, there has never been the least danger of a scarcity of water, nor can there be for many years to come, our present supply even in dry seasons will probably be sufficient for a population of at least forty thousand, our storage capacity can then be increased by 90 million gallons, at a trifling cost.

The care of the sewer system has caused very little outlay, the cost of operating the automatic pump on the low level system has been merely the cost of pumping about 1000 gallons of water per day, there are at present however but few connections on that portion of the system. Mr George Mander has been in charge of the filter beds and has performed the duties in connection therewith in a very satis-

factory manner, owing to his being employed as foreman on construction of the beds, the cost of maintenance has been less than can reasonably be expected in future years. Both water and sewer systems are in good condition, the prices of coal and materials have advanced to such an extent that the cost of maintenance for the coming year will be materially increased, I would therefore recommend a larger appropriation.

I have in previous water reports referred to the matter of permanent grades for our streets, this question deserves careful consideration by the Town. The addition of about 175 manholes in the streets makes it of greater importance than ever to this department that grades should be permanent, to obviate the necessity of raising or lowering covers to fit changes, or of digging through from 6 inches to a foot of frost to reach manholes or gate boxes. The grades adopted by the Town in 1885, have not been adhered to, in fact so many changes have been made that the plans made at that time are of no further use. as the expense of regrading where changes have been made would entail an unwarrented outlay. Some method should be devised, or system put in operation, at an early date to overcome this difficulty, otherwise the Town will be at a continual unnecessary expense and results will be unsatisfactory.

Respectfully submitted,

JOHN E. SMITH.